

From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

NOTICE TO ALL COLUMN EDITORS...By the time you read this, you'll have already begun work on your March VUD columns; as of this writing, no-one has volunteered to be the VUD's new Editor-in-Chief. Therefore, we've made arrangements with a group called Layout Associates; they will takeover with the April issue. Layout Associates will require that full pages be sent--they won't fill in blank spaces. In addition, any column which isn't considered camera-ready (dirty because of too much glue used) will be returned. Because printing requires that the total number of VUD pages be in multiples of four, some columns may have to be held until the following month to meet these requirements. Last of all, the VUD front covers as we've come to know them may end with the March issue, to be replaced with FROM THE STAFF if no volunteers are found between now and the March 15th deadline for the April VUD.

OTHER CLUB CHANGES...As can be seen above, the VUD will no longer have an Editor-in-Chief; in other words, it will be edited by committee. These changes are being made necessary by several things. Dave Nieman is stepping down as VUD editor; club co-founder Morrie Goldman has resigned his board of directors position and stepped aside as Literature Manager; VUD Publisher Bill Thompson has assumed other duties; and just about everyone involved did not want the promptness or appearance of the VUD to be adversely affected. You'll continue to see the VUD early each month, but we still will be in constant need of volunteers. Morrie Goldman's FEEDBACK editorial on page 17 will give you ideas about what kind of help we're seeking.

YES, WE HAVE THOSE BACK ISSUES!...Thanks to the efforts of Mike Hogan, a number of back issues from 1982 have turned up, and are available from WTFDA Supplies. Post-1981 back issues are \$1.25 each, as a February-only special, they are available for a quantity discount: any 10 (your choice) for \$11, or any 20 (your choice) for \$20. See page 39 for details on how to order them.

NEW LONGWAVE GUIDE...Winter finds many club members tuning the longwave bands for DX, which can be quite spectacular at this time of year on the low frequencies. The 1986 AERO/MARINE BEACON GUIDE is now available from Ken Stryker, 6350 North Hoyne, Apt. 202, Chicago IL 60659. It's reasonably priced and filled with information on over 6100 beacons on longwave, including station powers and coordinates. All longwave DX fans will want a copy of this book! Contact Ken for further details.

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Logos on front cover were sent in by Richard Eddie.



MAILBOX

Alan Hyams
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City Island Sta.
Bronx, NY 10464

The MAILBOX column has been absent from the pages of the VUD for the last few months, but it isn't because of your humble editor taking another vacation. Rather, if the truth be told, I'm just not receiving any mail.

It could be possible that the mail isn't coming in simply because the column has been less visible of late, but I tend to think that it has more to do with the lack of club controversy.

Last year, the logging procedures debate along with some religious controversy spurred some lively comments from many club members. Since those issues have been settled (at least to the point where everyone who wanted to, had his say) the mail has stopped coming in.

It was recently suggested to me that if I wanted the mail to start coming in again, I ought to stir up some new DX debate. I'm not sure I want to do that. For one thing, some of the 'debates' suggested to me seem pretty petty, but aside from that, I don't think that I should have to drum up commentary where none had existed.

What I'm trying to say is that the MAILBOX column is still here. If you have something to say, by all means send me a letter. If not, I'll be content to do the column however periodically the mail dictates.

I'd like to thank Doug Dornbos for his kind words about me in his column of a few months back. We should all be able to agree to disagree.

If anyone has written me a letter within the last month or so, it may have been returned. This was due to my own negligence in not keeping track of my mailbox's expiration date. I apologize. At any rate, the box is back in my hands now, and the address up top, the same one that I've always had, is still valid.

Finally, I'd like to congratulate departing Editor Dave Nieman on the fine job he's done over the last few years. Let's hope the new editor, whoever he may be, will maintain the high VUD standards.

Till next time, 73.

AH

LIKE YOUR CAR...WTFDAs
MAILBOX CAN'T RUN ON
EMPTY!

TELEVISION NEWS

Bill Fahber, editor
336 Atlantic Street
Bridgeton, NJ, 08302

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS

TX Mineola: add 63+
NM Caprock: add 17z
CA Santa Clemente: add 26z
CA Brawley: delete 26z; add 48+ (to accommodate San Clemente assignment)
MI The FCC denied a petition by the University of Michigan to reconsider its imposing a 3-mile-east site restriction on *58 at Ann Arbor when it assigned 43- at Battle Creek. This restriction would prevent a future licensee from using the tower of WIHT-TV, ch. 31, or WUOM(FM), both of which are west of Ann Arbor. More comments on the use of existing towers by educational stations will appear under FORUM.

CONSOLIDATED HEARINGS

CA Santa Barbara; ch. 38; application by Coast TV has been reinstated.
WA Bellingham; ch. 64; oral hearings were scheduled to present arguments against the FCC's grant of a CP to Prism Broadcasting. MS McComb; ch. 28; Southwest Communications; Southwest Mississippi Television Company; Commonwealth Venture Systems; Robin C. Brandt. Southwest Comm. is 9 miles short-spaced to vacant channel 42 in Natchez, MS; Brandt is 2.88 miles short-spaced.
GA Dalton; ch. 23; Family Television of Dalton Inc.; Dalton Television Associates Ltd.; Southern Television Inc.
AR Little Rock; ch. 42; Magnolia Communications (4.4 miles short-spaced to KJTM-TV, ch. 38, Pine Bluff, AR); Maumelle TV (14.5 miles short-spaced to vacant ch. 28 in Russellville, AR, but there is currently a petition to change ch. 28 to ch. 54); Leininger-Geddes Partnership; Capitol Communications Corporation. There is also a petition to change 42 in Little Rock to 47; this could eliminate both of the above short-spacings.
PA Bethlehem; ch. 60; Ashford Communications; Sonshine Family TV Inc.; Bethlehem Broadcasting; Haughton Television; Lehigh Valley Broadcasting and Communications; William J. Kimble.
TX Longview; ch. 54; Ashley Broadcasting; Etelex Telemedia; Channel 54 Broadcasting Company. The three are short-spaced to KLMG-TV, ch. 51 in Longview, TX, respectively by 10 miles, 11 miles, and 6 miles.
WA Bellevue; ch. 51; C.R. Pasquier Associates of Bellevue; Bellevue Telecasters Ltd.; Bellevue Broadcasting Company; Rainier Broadcasting Company.
NV Las Vegas; ch. 33; Classic Vision, Inc.; 4-A Communications; Lucky 33 TV; El Sol Broadcasting; M.W.D. Inc; Venture Broadcasting Company.
NC Greenville; ch. 38; Community Service Telecasters Inc.; East Coast Media Ltd.; Winard Broadcasting.

LONG ISLAND, NEW YORK

Some months ago the Long Island Coalition for Fair Broadcasting asked the FCC to reallocate one of the New York City VHF assignments to somewhere in Long Island. The Coalition also asked the FCC to deny the license renewal of WNEW-TV because of lack of coverage of Long Island events. Now they are asking the owners of WNEW-TV to change its community of license.

LOS ANGELES COUNTY SHERIFF

Sheriff Sherman Block is still trying to get the FCC to take some of the television spectrum away for use by his department. But when he asked a White House official to put some pressure on the FCC, the FCC reprimanded him and threatened sanctions if he tried it again.

APPLICATIONS FOR NEW TELEVISION STATIONS

CH	ERP	HAAT	STATE/CITY/APPLICANT
22	675	219	TX Wolfforth; Randy Chandler Ministries
50	1000	477	AL Opelika; Virginia L. Fruits
18	316	2339	CA Fort Bragg; Virginia Fruits
8	215	2445	CA Fort Bragg; Capitol Foothills Broadcasters
8	229	2425	CA Fort Bragg; Mad River Bc'g Co.
41	735	1153	CO Denver; Colorado Christian College
24	5000	2000	CO Steamboat Springs; Constance J. Wodlinger
18	619	292	FL Islamorada; Islamorada Educators Broadcasting Company
9	186	276	FL Marathon; Marathon Educators Broadcasting Company
57	400	693	GA Atlanta; Acorn Television in Action for Communities
51	5000	1000	NY Batavia; Genesee Communic'ns
41	5000	1424	CA Ventura; Marin TV Services Partners Ltd. (amended)
41	5000	1176	VA Ventura; Novato Broadcasting Corporation (amended)
60	1795	1756	AL Dothan; Broadcast Associates
18	3000	1939	MT Butte; Montana Western Corp.
14	3236	896	TX Llano; Llano Broadcasting Co.
63	n.c.	1456	NJ Newton; Newton Television Ltd (amended)
63	n.c.	1722	NJ Newton; Newton Television Inc. (amended; formerly Herlinda Valdez)
32	n.c.	1978	SC Myrtle Beach; South Carolina Broadcasters Ltd. Partnership (amended)
6	100	591	MT Billings; Mark L. Wodlinger
54	5000	372m	CA Avalon; Coastal Broadcasting Partners (372 meters?)
51	1000	1118	NY Batavia; M&M Partnership
22	800	455	TX Wolfforth; Garcia Communications

APPLICATIONS DISMISSED

FL Orlando; ch. 27; Elim Broadcasting (failure to prosecute its application)
NY Syracuse; ch. 56; Non-profit Television Concepts
TN Memphis; ch. 50; Jack Townes; Wolf River Broadcasting (failure to prosecute).

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FEBRUARY, 1986

WA Bellevue; ch. 51; J&J Partners.	49 5000 800 FL Tice; Tice Television Company
HI Honolulu; ch. 5; Media Central Inc. (failure to prosecute its application); Ka'Ike-na Lani TV Corporation (joint request for settlement agreement).	46 5000 1534 NC Belmont; Metro-Crescent Communications Inc.
NY Syracuse; ch. 56; Non-Profit Television Concepts (failure to prosecute).	16 5000 1038 TX Lubbock; Lubbock TV 16 Broadcast
CO Pueblo; ch. 32; P&M Broadcasting Inc.; Pueblo Family Television.	35 104 510 MI Bad Axe; Delta College
CO Fort Collins; ch. 22; Fort Collins Telecasters. (Initial decision; application of Eagle 22 Ltd. was given preference on integration grounds)	15 5000 1077 NE Omaha; Mid-America Broadcasting Inc. (Review Board decision, upholding initial decision of 8/29/83)
FL Gainesville; ch. 61; Central Florida Broadcasting Corporation; Gainesville Telecasters Ltd.; Gainesville Television Group Inc.	23 1312 1371 TX San Antonio; Hispanic Community Educational TV Inc.
NV Reno; ch. 11; Peavine Inc.; Reno Telecommunications Company; Gloria Hammers.	29 5000 910 TX Decatur; Karen L. Hicks (summary decision)
TX Decatur; ch. 29; Chavela Broadcasting Inc; Wise County Messengers Inc.	28 1051 427 TN Cookeville; Sandra J. Lewis
TX Fort Worth; ch. 52; Rebecca Rangel Henton.	25 2786 2510 CA Watsonville; California Community Television Network
NE Omaha; ch. 15; Channel 15/Omaha; Family Television Inc.; Koplar Communications Inc.; Omaha TV 15 Inc. All applications dated back to 1979; this is a Review Board decision upholding an initial decision back in August, 1983.	60 5000 1555 VA Roanoke; Southwest Virginia Television
TX San Antonio; ch. 23; San Antonio Educational Television Inc.	CONSTRUCTION PERMITS CANCELLED
FL Tice; ch. 49; Reginald L. Duff; Florida Coast Communications Company; Florida Telecasting Inc.; Ralph W. Gabbard; Qualivision of Lee County Inc.	WA Spokane; KSMW, ch. 34
TN Cookeville; ch. 28; Robin C. Brandt; Gerald R. Roberts.	NC Goldsboro; WYED, ch. 17
TN Memphis; ch. 13; Professional Broadcast Group, Inc.	VI Christiansted; WMCW, ch. 15.
FL Fort Pierce; ch. 21; Florida Educational Television Inc.	CONSTRUCTION PERMITS REINSTATED
NJ Burlington; ch. 48; Burlington TV Inc. (Joint request by Burlington TV and Adelphi Broadcasting Corporation)	AL Gadsden; WTJP, ch. 60
TX San Antonio; ch. 60; Hispanic Broadcasters of San Antonio Inc. (at its request).	MO St. Joseph; KTAJ, ch. 16
VA Roanoke; ch. 60; Roanoke TV 60 Broadcasting.	WY Cheyenne; KLMW, ch. 27
ME Presque Isle; ch. 62; Allan H. Weiner (at his request).	LIFETIME OF CONSTRUCTION PERMITS EXTENDED
LA New Orleans; ch. 49; Horizon Broadcasting Ltd. (joint petition for settlement agreement).	The FCC extended the time period of a TV construction permit from 18 months to 24 months, hoping to reduce the number of applications for extension of time, and allowing a more realistic time period to construct a TV station. Extensions shall be granted upon only three circumstances: (1) construction is complete and testing is under way; (2) substantial progress has been made (site acquired and cleared; equipment on order or on hand); (3) no progress made for reasons clearly beyond the control of the permittee (governmental, zoning problems, etc.) but the permittee has taken all possible steps to resolve the problem. Along with the longer construction permits, the FCC is getting stricter on the practice of applications to modify construction permits beyond a few months of the permit's grant.
CONSTRUCTION PERMITS GRANTED	APPLICATIONS TO MODIFY CONSTRUCTION PERMITS
51 5000 932 AR Rogers; MCC Communications	55 5000 731 NY Amsterdam; WOCD
55 1000 1301 OH Hillsboro; Pioneer Broadcasting Limited.	44 1951 1228 TX Harlingen; KLUJ
12 316 530 SD Huron; John R. Powley (summary decision)	23 5000 967 IN Marion; WMCC
30 2820 2340 CA San Bernardino; Maranatha Broadcasting Company (reversing prior decision which had granted interim broadcasting authority to Angeles Broadcasting. Angeles had been given preference on integration grounds, but with the departure of its president, it no longer had that preference.)	68 1380 1129 AL Birmingham; WCAJ
	49 2150 2738 CA Visalia; KNXT
	56 4570 1150 KY Danville; WKDY-TV
	52 1355 601 OK Oklahoma City; KSB
	63 n.c. 1040 IN Bloomington; WIIB
	41 205 297 LA Alexandria; KHCA
	CONSTRUCTION PERMIT MODIFICATIONS GRANTED
22 ? ? CO Fort Collins; Eagle 22 Ltd.	23 1380 1659 CA Arcata; KREQ
32 1850 2140 CO Pueblo; tv/USA Pueblo Ltd.	64 5000 1572 CA Barstow; KVV
	39 560 498 LA West Monroe; KMCT-TV
	34 1175 1025 TX Beaumont; KITU
	24 4453 1110 TX Odessa; KPBJ
	68 1380 1129 AL Birmingham WCAJ (CP granted 9/23/82 by Review Board reversal of initial decision. I never saw record of call letters, so I assumed the CP was still being contested.)

32 ? 791 PR Aguadilla; WKU
21 4207 ? VA Lynchburg; WJPR (CP granted
3½ years ago)

APPLICATIONS FOR CHANGES IN FACILITIES

10 6.16 ? CO Montrose; KREY-TV
35 661 ? OH Lima; WLIO

18 3273 1110 CT Hartford; WHCT-TV
7 316 2000 LA Lake Charles; KPLC-TV
9 316 1732 TN Chattanooga; WTVG
7 18.9 924 AK Anchorage; KAKM
11 316 2000 AZ Tucson; KMSB-TV
8 79.4 ? OK Sayre; KVIJ-TV
9 316 ? WA Seattle; KCTS-TV

FACILITIES CHANGES GRANTED

FL Jacksonville; WAWS, ch. 30; granted CP to
raise ERP from 2750 kw max/759 kw hor to
5000 kw max; 991' AAT/997' AG/1012' ASL
(3½' lower than existing); same TL.

OH Zanesville; WHIZ-TV, ch. 18; granted CP to
change ERP from 212 kw to 588 kw max.;
533' AAT/477' AG/1387' ASL (7' lower AAT/
29' lower AG/23' higher ASL. neat trick for
same transmitter location).

IL Harrisburg; WSIL-TV, ch. 3; granted license
to cover CP for changes; 100 kw max, direc-
tional (formerly 100 kw); 994' AAT/1000'
AG/1600' ASL (same TL, 15' higher).

OK Tulsa; KOED-TV, ch. 11; granted license to
cover CP for changes (see 12/84 VUD).
Note: Same TL as is now used by KJRH, ch.
2, which lists the correct latitude of
36°01'15". KOED's 36°10'15" is incorrect.
Also, KOED's transmitter antenna is 115'
lower AAT and ASL than KJRH, but 60' higher
above ground, according to its application.

TX Houston; KPRC-TV, ch. 2; granted license
to cover CP for changes. See 2/84 VUD.

KY Beattyville; WLJC-TV, ch. 65; granted MP to
raise ERP from 93.1 kw max to 1603.25 kw
max; 656' AAT/525' AG/1624' ASL (234' higher
AAT/200' higher AG/241' higher ASL.
Another example of inconsistent figures.)
Same TL.

MN Minneapolis; KM SP, ch. 9; granted license
to cover CP for changes; see 8/85 VUD.

OH Lima; WLIO, ch. 35; granted CP to raise
ERP from 503 kw to 661 kw max; 540' AAT/
522' AG/1392' ASL (same AAT; 27' lower AG
and ASL); same TL (had a CP about ½ years
ago for major increase in ERP and antenna
height, but apparently did not construct).

TN Nashville; WTVF, ch. 5; granted MP to
change to directional antenna; same TL;
1394' AAT/1140' AG/2010' ASL (27' higher
AAT; 39' lower AG and ASL).

SC Charleston; WCBT-TV, ch. 2; granted MP to
change to directional antenna (100 kw max);
1949.7' AAT/1940' AG/1957' ASL (1108'
higher ASL); TL to Avondale Section, Seewee
Road, 4 miles NE of Ten Mile, Charleston
County; coordinates 32°56'24"/79°41'45"
(Az. 50°, 15.28 miles from present TL).

CALL LETTER APPLICATIONS: NEW STATIONS

CH C.L. STATE/CITY/APPLICANT

65 WRBW FL Orlando; Rainbow Broadcasting
45 KXLM-TV TX Rosenberg; Pueblo Broadcasting
21 KRBW NM Roswell; Roswell Broadcasting
69 WRBV VA Fredericksburg; Rappahannock
Television Broadcasting Inc.

65 WLXV MD Cumberland; Gary D. Terrell
25 KZRQ AR Pine Bluff; Charles Ray Shinn
20 KZOD CO Denver; Alden Communications
63 WFPB-TV FL Boca Raton; Palm Beach County
Educators Broadcasting Inc.

48 WHST SC Greenwood; WCGC-TV (four year
old construction permit, just
recently taken over by Pappas
Broadcasting)

12 KIID-TV SD Huron; John R. Powley

CALL LETTER APPLICATIONS: CHANGE EXISTING

66 WGBN-TV IL Joliet; WFBN
3 WWMT MI Kalamazoo; WKZO-TV

CALL LETTER CHANGES: NEW STATIONS

23 KREQ CA Arcata; The Mad River Broadcast-
ing Company (can somebody con-
firm this for me?)

10 KBSC-TV MT Helena; KBSY-TV
23 KMEI IA Ames; Metro Program Network Inc.
25 WLAX WI LaCrosse; WWQI
58 WDJT-TV WI Milwaukee; TV58 Ltd Partnership
26 WTRT AL Florence; WTUK
51 WPXT ME Portland; WHSI

NEW STATIONS ON THE AIR

CA Chico; KCPM, ch. 24½ signed on 9/24/85;
5000 kw max ERP; 1772' AAT/718' AG/2586'
ASL; TL 9½ mile northeast of Red Bluff;
coordinates 40°15'46.8"/122°05'39.3"; ad-
dress: Chico Broadcasting Corporation, 180
E. 4th Street, Chico, CA, 95926.

FL Cape Coral; WFTX, ch. 36½, went on the air
10/14/1985; 5000 kw max ERP; 987' AAT/988'
AG/1017' ASL; coordinates 26°47'43"/81°48'
04"; TL 4.9 miles SSW of Tucker's Corner;
address: Family TV Associates, 428 Pine
Island Road, Cape Coral, FL, 33904.

LA Shreveport; KMSS-TV, ch. 33½, signed on 10/
6/1985; 4532 kw max ERP; 1813' AAT/1749'
AG/2014' ASL; TL 0.57 mile south of KSLA-TV
transmitter site; coordinates 32°40'00"/
93°56'02"; independent station; address:
Media South of Shreveport, Inc. P.O. Box
30033, Shreveport, LA, 71130.

NY Kingston; WTZA-TV, ch. 62½,
began broadcasting
sometime around
12/15/1985. I saw
it testing with
3/4 CBTP on 12/5.
5000 kw max ERP;
1940' AA T/277' AG/
3197' ASL; TL atop
Overlook Mountain,
Woodstock; coordi-
nates 42°05'06"/74°06'
00"; independent station;
address: WTZA-TV Associates,
721 Broadway, Kingston, NY, 12401.

OH Akron; WBNX-TV, ch. 55½, seen testing by
Rich Wertman on 12/1/85 and programming on
12/2 with independent schedule. 2298 kw
max ERP; 598' AAT/480' AG/1649' ASL.

TX Kerrville; KRRT, ch. 35½ seen by Jim Pizzi
on 11/12/1985; probably signed on 11/6.
5000 kw max ERP; 1763' AAT/1520' AG/3016'
ASL; TL 2.3 mile ENE of intersection of
Hwy 1283 and Hwy 37 in Lake Hills; coordi-
nates 29°36'37"/98°53'35"; address: Repub-
lic Communications Corporation, 6218 North-



west Loop 410, San Antonio, TX, 78238.
SC Hardeeville; WTGS-TV, ch. 28½, signed on
9/1/85 with independent programming.
4920 kw max ERP; 795' AAT/785' AG/803' ASL;
TL 1½ mile south of the intersection of
Hwy 278 and Hwy 170; coordinates 32°19'50"
80°56'19"; address: American Communica-
tions & Television, Inc., 28 Broadcast
Way, Ridgeland, SC, 29936. Programming is
heavy on movies, mostly old syndicated
programs, but a few of the current ones;
no news programming.

MS Natchez; WNTZ, ch. 48½ signed on 11/16/85;
1079 kw max ERP; 818' AAT/693' AG/1023'
ASL; TL on Liberty Road, about 4½ miles SE
of Natchez; coordinates 31°31'35"/91°19'
39"; address: MSIA Broadcasting Inc.,
Television Plaza, Natchez, MS, 39120.

MD Baltimore; WKJL-TV, ch. 24½ is now broad-
casting. Commercial broadcasting began
Christmas Eve, 12/24/85, independent sta-
tion with emphasis on religious programs
and old syndicated programs and movies.
1180 kw max ERP; 1073' AAT/900' AG/405'
ASL; coordinates 39°17'15"/76°45'38"; TL
WNUV-TV (ch. 54) transmitter tower. Rec-
ent ownership change prior to going on
the air; address to follow next month.

STATIONS EXPECTED TO BEGIN SOON

DE Wilmington; WBOT, ch. 61, which had been
scheduled to sign on last October, had
some delays and planned to sign on in
January, 1986. It will be an independent
station, with plans to air local sports
programs. Possibly an attempt to attract
local cable companies already crowded
with independent stations. Look for 3000
kw ERP of signal beaming from sunny South
Jersey, namely Woodstown.

AZ Phoenix; KUTP, ch. 45, was scheduled to
go on the air in December, 1985. No word
yet.

TX Midland; KPEJ-TV, ch. 36, hopes to be on
the air in March, 1986.

NETWORK CHANGES

CA Eureka; KIEM-TV (CBS,NBC) to be NBC, but
sources also have KVIQ-TV (ABC,NBC) going
to NBC. Something wrong in the sources,
but don't let network changes in Eureka
catch you off guard. And somebody there
please tell me what the correct network
changes are.

GA Savannah; WSAV-TV, ch. 3, is changing
from ABC to NBC. Although no word yet,
it seems likely that WJCL, ch. 22, will
change to ABC.

MO Columbia; KOMU-TV, ch. 8, will change
from ABC to NBC. That means that KCBJ-TV,
ch. 17, will have to change to ABC or CBS.

TX Temple; KCEN-TV, ch. 6, is changing from
ABC to NBC. That means a change for KXXV,
ch. 25, which had been on the air for
only a year.

CA Fresno; KFSN-TV, channel 30, changes from
CBS to ABC; KJEO-TV, ch. 47, changes from
ABC to CBS; effective 9/9/85.

ID Twin Falls; KMTV, ch. 11, covering all
three networks, will be strictly CBS.

NC Raleigh and Durham; WRAL-TV, ch. 5,
switched from ABC to CBS on 8/4/85, along

with WTVB, ch. 11 switching from CBS to ABC.
WTVB is owned by Capital Cities, which now
owns ABC.

FA IRFAX, VIRGINIA

The FCC warned WNVG, ch. 56, against com-
mercial advertising by a noncommercial tele-
vision station. Two noncommercial FM radio
stations were already fined \$5000 and \$2500.

HARTFORD, CONNECTICUT

WHCT-TV, channel 18, is back on the air
after several months of silence. Now owned
by Astroline Communications, the station now
serves the community with badly-needed movies
and syndicated programming. Maybe it was
better off with Dr. Gene Scott.

LOS ANGELES, CALIFORNIA

The Los Angeles Sheriff succeeded in getting
the FCC to allocate channel 16 to public safe-
ty uses, thus making the channel unavailable
at Ventura, California, for television. Two
applicants for channel 16 have been competing
for seven years for the channel. The FCC is
seeking alternatives. Channel 25 and 51 have
been considered, but they would create short-
spacing problems with other stations.

FORUM

Ed Frye writes on the startup of WTZA, ch.
62 in Kingston, NY, "WNYT-13's channel 63
translator (W63AA, Kingston) has moved to
channel 36. The lower frequency allocation
seems to have resulted in better picture qual-
ity, too. Meanwhile, Albany's latest UHF
outlet, WUSV-45, continues to sputter along
with no outstanding programming to speak of."
On WTZA, he writes, "Having Nancy Cozart co-
anchor their local newscast is a major score
for WTZA management; she drew much attention
in Albany when she began working for WNYT-13
several years ago."

In an article sent by Ed from the Poughkeep-
sie Journal, most of which had been reported
in past months, comes a preview of their
programming. Note the use of the word, "clas-
sic." "After the inaugural today, Sunday
programming will begin at 8 a.m. with a morn-
ing schedule of religious programming and
cartoons, a film...and a block of classic
westerns in the early afternoon...." "For
lovers of classic sitcoms, it will have a
morning schedule featuring such favorites as
I Love Lucy to such recent hits as Love Boat."
"Saturday's programming will go heavy on films
and sports and will also include music pro-
grams."

Richard Clark reported that WTRA, ch. 16 in
Mayaguez, Puerto Rico, went on the air 12/14/
1985, duplicating the programming of WRRW-TV,
ch. 30 in San Juan. I neglected to include
this station in the new stations list, but
here is some data on it: 90 kw max/30 kw hor
ERP; 1123' AAT/133' AG/1347' ASL. WUJA, ch. 58
in Caguas, PR, signed on 12/4/1985 (55 kw max
ERP; 1078' AAT); also on is WKPV, ch. 20 in
Ponce, PR. There is also a channel 13 broad-
casting 24 hours from Nevis, St. Kitts, and a
channel 21 in Guatemala City, Guatemala. Under
construction is ch. 5 in St. George, Gren-
ada, ch. 13 in Tegucigalpa, Honduras, an
unknown channel in San Salvador, El Salvador.

W58AA in Caguas, PR, is naturally off the air because of WUJA. WSJU, ch. 18 in San Juan, is now in stereo.

Randy Miltier sent an article from the San Jose Mercury News, dated 12/11/85. Ron Miller writes the television column, discussing James Gabbers, who operates KT20, ch. 20 in San Francisco. Unlike most independent broadcasters who are complaining about the court decision against the "must-carry" rule, Gabbert is in favor of the decision. He feels that if you run a good station and people like it, no cable operator would drop you, even if the law now allows it. And weaker competitors would be dropped from cable systems long before KT20 would be. But writer Ron Miller adds his view of the decision. "Frankly, I think there's lots of room to argue on both sides, but I'd hate to see 'must carry' done away with completely. In the first place, local cable companies operate as monopolies and should expect to sacrifice certain freedoms in return for that franchise. Ensuring that their subscribers will receive all local stations conveniently via cable seems to me a small price to pay. If 'must carry' disappears forever, I don't think you'll see the Ch. 20s and Ch. 44s dropped by cable systems. But I wouldn't be surprised to see some systems dump marginal stations like San Francisco's KVOP (Ch. 38) which has been TV preacher Gene Scott's pulpit for years, or drop two or three of our four Bay Area PBS stations. Once your local cable operator begins to exercise that sort of discretionary power, I think serious damage will be done to minority viewing interests, which raises its own set of constitutional questions."

Dave Nieman writes, "...WNYB-49 Buffalo has purchased a movie package for 1987. Looks like they won't be on for a while." He also sent an article from the 12/22/85 Buffalo News about an applicant for vacant channel 56 in Syracuse, New York. Tureaud Broadcasting, which includes a Buffalo judge and a Common Council leader, applied for "a license" with the FCC. "They said the Buffalo group is one of five vying for the broadcast rights to the newly created Syracuse Channel 56, a full-power commercial channel opened by federal officials in late 1984." That means the FCC added 56 to the table of assignments. "Two other commercial UHF channels have been approved by the FCC for Syracuse but have not yet begun broadcasting." "Full-power licenses are awarded on the basis of competitive bidding, with applicants required to bid on the basis of their plans for broadcasting, their financial ability, and the backgrounds of the applicants."

News of the Wisconsin area from John Lentz. "On October 27th, WOBBY was seen testing with Cletters and a telephone number. I called them up to find out that they're broadcasting from the former tower of WTVU (ch. 18), which is still atop the Marc Plaza Hotel in downtown Milwaukee. I live about 12 miles from downtown and receive a very poor picture.... At 12mid November 4, 1985 they started broadcasting... Odyssey, 24 hours a day in stereo." "WTMJ-TV, ch. 4, NBC, and WMVS-TV, ch. 10, PBS are the

only TV stations in Milwaukee, so far, broadcasting in stereo." WGVV-24, Milwaukee, is carrying commercials for WISN-12's news programs in exchange for the rights to broadcast "Happy Days" reruns. WGVV-30 has expanded its programming and added CNN news. It now operates from 3 p.m. to 11 p.m. weekdays, and 8 a.m. to noon, and 4-11 p.m. on weekends. Meanwhile WVTU-18 is 24 hours, the fourth Milwaukee station to do so.

A few answers to my question about cities with more than one PBS outlet. Robert Baker reports that Omaha, NE (KYNE, ch. 26) and Council Bluffs, IA (KBIN, ch. 32) are separated only by the Missouri River, and both stations carry a great deal of PBS programming. In a similar sense, I guess we could also include Wilmington, DE (WHYY-TV, ch. 12, which has offices and transmitter in Philadelphia, and Camden, NJ's WNJS, ch. 23. Both of them are also heavy on PBS. Don Ramos gives more info on the Los Angeles area. KGET-28 is the primary outlet for PBS, and also produces its own programs for distribution around the country. KLCG-58 is owned by the Los Angeles City School District and sends programming primarily to schools. Many shows are done by students. Some PBS shows are shown, but with visible captioning for the deaf at the bottom of the screen. There is a third PBS station in the viewing area. KOCB-TV broadcasts from Huntington Beach, carries some PBS, but programs for Orange County viewers.

Randy Miltier sent an article from the 1/9 San Jose Mercury News, recalling the efforts of second-rate Spanish broadcasters to put down their greatest competitor, the Spanish International Network. "Although it may be years before it actually happens, the Bay Area's only Spanish-language television station could lose its operating license as a result of a federal judge's decision...that it is controlled by foreigners. Federal Administrative Law Judge John H. Conlin, sitting in Washington, D.C., refused to renew the license of San Francisco's KFTV-TV, Channel 14, and six other big city Spanish-language stations around the country, saying the foreign influence over them violated federal law. However, he said that their owners did not violate the chief intent of the law, which is to keep broadcasting out of foreign hands in the event of war, and that corporate restructuring might solve the problem. In any event, the 5-year-old case probably will be appealed and could drag on several more years before any definitive action is taken by the (FCC).

Larry Fuss says that there is a Hendersonville, TN, and there is a channel 50 assignment there. According to the coordinates, it is located just northeast of Nashville. "Having lived in Pittsburgh at one time, I can tell you that Mount Washington (where the LPTV ch. 63 will be) is IN Pittsburgh, not 'near Pittsburgh'. It sits on the south bank of the Monongahela River, right across the river from downtown Pittsburgh." He also corrects me on the statement about noncommercial stations on other stations' towers. "There is no such law that obligates commerc-

ial TV broadcasters to provide tower space to educational stations. There is an FCC rule however that prohibits a licensee who owns or controls a 'unique' site from prohibiting access to the site to other stations. I guess 'unique' could mean the top of the tallest building in town, mountaintop real estate, or whatever." A news clipping from the Atlanta Constitution reports that WGNX, ch. 46 in Atlanta displaced WTBS, ch. 17, the famous "superstation", as the city's leading independent station. In another clipping and advertisement sent by Larry, KVEA-TV, ch. 52, is now broadcasting 98 hours weekly in Spanish, including US films and syndicated programs dubbed in Spanish, and locally-produced news and childrens programs in Spanish. The article and the advertise ment identify KVEA as a Los Angeles station, but isn't it still licensed to Corona?

Fred McCormack reports that KVRR-15 finally got its two new satellites linked together. (referring to KNRR-12 in Pembina and KBRR-10 in Thief River Falls. He also sent a clipping from the Multi-Channel News, 12/16/85, about Canadian cable companies carrying KGPE, ch. 2 in Grand Forks, ND. "Noting some 14,000 Winnipeg residents make regular contributions to Prairie Public Television—a PBS licensee based in Fargo, ND—city council here has appealed to the (CRTC) to ensure PPTV's... station will not be cut from cable offerings. The city's move was in response to an application to the CRTC by Greater Winnipeg Cablevision to replace four U.S. TV signals from North Dakota with similar signals from Detroit.

Lots of information and questions from John Adams. To start, get out those LPTV-XLTV lists. CONNECTICUT: W61AC is Waterbury, not Westbury. FLORIDA: W56AW Fort Walton Beach should be relaying WTVY, ch. 4, not WTVJ, which is too far. WTVY is in Dothan. In my notebook, I had changed WTVY to WTVJ for some reason, but I can't figure it out, so assume it's WTVY. MASSACHUSETTS: W70AI should be W07AI. That agrees with Television Factbook and the 1980 FCC Data base. NEW YORK: W04BK is too far from Elmira to relay WENY. He suggests that the primary may be elsewhere. Either that or it picks up a microwave feed. OREGON: K13MF is too far away from Medford to relay KOBI. When I checked this one out, I found a major mistake on that page. The following should be the correct list of stations repeated:

K13KO KOBI	5	According to an article in TV Guide some
K13KQ KCBY-TV	11	years ago, LPTV station
K13ME KCBT-TV	2	W19AD was re-
K13MF KTVB	7	broadcasting K31AE,
K13MI KOBI	5 (LIC)	but one reference has
K13MI KIM-TV	3 (CP)	them as both repeating

OR. W59AS is listed as ch. 58 in the Eugene paper. K61CC is listed in other references as W61AL or K61CL. The Seaside-Warrenton-Gerhart xltres (K71AP, K75AJ, K78AQ, K81AQ) all shut down 3 1/2 years ago. Tillamook xltres (K71AL, K73CC, K76AM, K79AE, K82AT) are all believed off the air. Does anybody have information on primary station changes as a

result of network changes in the Cottage Grove or Florence xltres? Is K37AA the correct channel? No way it could be. I suspect it should be 38, since Rural Baker Valley also has xltres on 40, 42, 44, 46, and 50. John says that Oregon Public Broadcasting gives contradictory information when identifying its translators. He mentions a ch. 68 xltr in Drain-Curtin, OR, that was not listed in the LPTV-XLTV list, but is no longer listed in local program schedules in the area. K02KO shut down in summer, 1983. K18AD (?) and K68AE aren't listed anywhere in local papers. K55AN is now off. K55CT is not listed anywhere. ch. 61 in Gold Beach should be deleted; that area is served by K55CM (But ch. 61 was a CP. Does K55CM plan to change channels?). K62AS is not listed anywhere. K62BF burned down in 1984, came back on for a few weeks in 1985, and went off again, although it is still listed; Dufur, however, is 120 miles away. K64AO is no longer listed on the primary's ID slide. K68BH was listed on the program guide as ch. 11, but is not listed at all anymore, but the ID slide still lists it. Same with K59BN. WASHINGTON: John wonders if KOAEI is still on the air; he hasn't seen it in the past few months. K14AA most likely inputs K58BL. K27AC no doubt is off because of KCWT-27. John reports K61CL seen last August with religious (PTL) programming; I noticed some confusion myself. Even though K61CL was listed as a licensed translator, there was a K61CD granted to repeat WJAN-17 in Vancouver. John suggests that the primary of K65BU would more likely be KCK A-15 rather than KPFS-28 (formerl y ch. 62). KPFS-KCKA no longer list K67CI as a translator. K70DT is apparently no longer on. NEVADA: The 9/1/84 mentioned a LPTV in Tonopah, NV, run by juvenile offenders. I have no record of this, but it could be there.

A few questions John asks: What are the FCC rules concerning ID's for TV translators? Translat ors can ID by frequency offset keying, by audio subcarrier I believe, or by being included in multiple ID's by the primary station. I saw one translator sneak it in its hourly one-minute pledge drive. How did the "must-carry" rule apply to translators and foreign stations. As far as I know, it didn't. Cable systems were required to carry full service stations within a certain radius, which was well within its coverage area. The rule was intended to protect U.S. broadcast stations, not foreign. Can and do any LPTV's affiliate with the three major networks? I don't know of any that do yet, but I'm sure they can, if the networks want them. ABC won't bother with a broadcast station unless it has a certain number of potential viewers. When will the Canada-Alaska xltr list be out? I made a complete list of Canadian repeaters some months ago, then began to find major discrepancies from different sources as to their originating stations, so I question the value of that list. I haven't touched the Alaska list yet. Presently, I've been trying to completely update my broadcast station list in the event that the WFTDA can

begin plans for a TV station guide, which would be a high priority. On the translator update in the 3/85 VUD: K27AM is Bend, OR, not OK. K50AS can't be in Denver because its primary station is in Denver. (Maybe, but not necessarily the case. New York stations used to have translators in the same city. I think people within New York City had trouble with the VHF signals being reflected off buildings. It could be that the city of Denver had some trouble like that.) It's input station, K05GI Buford, is about 100 miles from Denver. (Note: I did find a reference to its transmitter: 1 mile SE of Meeker on Pollard Hill, north of the mouth of Marvine Cree k, about 1/4 mile up.)

A mistake in the 9/85 VUD caught by John: Nate Ely described the Iron Mountain translators, "all...200' AG except for ch. 55 and 57, which are 200' AG." Since I no longer have Nate Ely's letter, I'm not sure what I said. I think 55 and 57 were 150' AG. On the 10/85 VUD, page 10 on the article sent in by Walter Patton, he suggests that "CTV and CBS" should be "CTV and CBC", and that "But the FCC..." should be "But the CRTC..." That seems to make more sense that way.

Other news from John Adams: KOIN, ch. 6 in Portland, OR, has been airing a Japanese program in the evenings, filmed in Oregon. KOIN also advertises that its signal can be picked up on FM radios. KEGH, ch. 22 in Salem, OR, dropped STV last year, and is airing mostly religious programs, and some NBC programs dropped by KGW-8 during the day. No news yet on KTDZ-24 Portland, KUTV-32 Salem, or ch. 40 in Portland. Ch. 40 has yet to be granted call letters, so I suspect there's conflicts over the FCC's grant of a construction permit. KTBW-20 Tacoma is not yet listed in the local TV Guide, despite being on the air nearly two years.

John asks what network KCWT-27 Wenatchee is. Definitely independent, with movies and news during prime time. KVO5-12 Bellingham is a CBS affiliate, but carries very little CBS programming: mainly daytime and late night programs. What network is KCWS-3 in Glenwood Springs, CO? Definitely independent. When did WRBG-6 Schenectady NY change to CBS, and WAST/WNYT change from CBS to NBC? Some time after 1980, I believe, and before 8/83, where an old SRDS records the change. WAST changed to WNYT around late 1981. When did WXXA-TV, ch. 23 in Albany, NY, come on the air? 7/30/1982. Whatever happened to an application for ch. 50 in Albany NY listed in the 9/83 VUD. Probably returned to the applicant. Evidently it was for Albany GA, not Albany, NY, but regardless, there is no ch. 50 assignment for either city. What is the latest on WOOD-55 Amsterdam? You know more than I do. I don't even have call letters for them yet. About WVUV-51 Pittsfield MA? After a two year fight to keep its construction permit, the FCC issued a final decision to grant it in spring, 1985. So give it about two years to construct. Is VTUV-33 Utica NY on yet, and is it a CBS affiliate? Not yet, but I think it may be a good candidate for CBS. What are the cor-

rect calls for ch. 46 in Binghamton, NY? A TV log lists it as WERZ, which is an FM station in New Hampshire. The calls for 46 are still WSKG.

Observations of Hawaiian stations made by John last spring: KHON-2 Honolulu airs most NBC programs on a same-day delay basis; ID's include its Kauai xtr, K78AR. KITV-4 airs most ABC programs with a one-week delay, operates all night thurs-fri-sat. KGMB-9 airs most CBS programs, on a delayed basis, is on all night on weekends, but its satellites KGMV-3 Wailuku and KGMD-9 Hilo do not. KGMB occasionally identifies its translators K57BI Waima and K69BZ Lihue, but no mention of K03EB Princeville-Hanalei or K68AY Waianae Coast. Network affiliates in Hawaii don't necessarily air programs on the same day as mainland network stations. KDSC-14 airs mostly music videos and some Korean programs in the evening. KHAI-20 is all Japanese, and is on only in the evenings. KSHO-26 airs some network programs rejected by the network stations. Kauai translator K74BC is now on ch. 52. Translators that were not on were K50AF, K03EB Princeville-Hanalei, K10MH Hanalei, and K29AF Lihue.

John says that the correct calls for ch. 14 in Minot ND should be KMCY, not KCMY. There is a channel 29 in Sacramento CA that recently got call letters KCMY. I know that discrepancy had been bothering me for some time.

John wants to know where he can get a list of the various editions of TV Guide as well as a list of stations and cable services that are included in those editions. Can anybody help out on that?

He also reports WPTX, ch. 36, on the air with typical weekday schedule: childrens and religious programs, midday news, syndicated public affairs, evening syndicated reruns and movies and late night movies. Typical independent station.

I still have several letters from Bruce Elving, Paul Gaines, W.R. McIntosh, and Canadian news from Walter Patton, which I'll save for next month. Locally, some papers have been announcing that WOCC, ch. 8 in Hammononton New Jersey is supposed to start up in January 1986. Since there is no channel 8 assignment in Hammononton, or anywhere else in New Jersey, I assume they're talking about a LPV station. If so, what's it doing with broadcast station call letters? Maybe next month I can tell you a little more about this station.

One quick note from Bill Johnson: ch. 66 in Joliet, IL, is now WGBD-TV as of the beginning of the year. The station is advertising 5 million watts of power. I thought they always had 5 million watts. Is anybody in that area picking up a better signal, or is it about the same?

D O N ' T M I S S T H E
1 9 8 6 W T F D A
C O N V E N T I O N ! ! !

Jamestown NY - August 1 - 3



FM NEWS

Bruce F. Elving, Ph.D., Editor
241 Anderson Road
Esko MN 55733-9413, U.S.A.

FORMATS/NETWORKS

New FM Stations, Translators Granted

AL Tuscaloosa W265AH "100.9 (WGBI 91.9 Birmingham) FM translator)
CA Banning K201AR "88.1 (KSGN 89.7 Riverside)
CA Big Pine K28BDL 105.5 (KMNT 108.3 Mammoth Lakes CA translator) (Los Angeles)
CA Borrego Springs K232C 94.3 (KKG0 105.1)
CA Palm Springs K209AK "89.7 (KSGN 89.7)
CA Ukiah K285AC 104.9 (KEAR 106.9 San Francisco). "Very much alive... Its alleged replacement on 102.3 is to carry KABL-FM 98.1 San Francisco. The confusion resulted from an FCC error; they granted the KABL translator on 104.9, despite K285AC's existence, and then granted the new translator the frequency change to correct the blunder." (side CA)
CA Victorville K205BH "88.9 (KSGN 89.7 River/CO Crested Butte "90.3 255 h.v.; 650' Educ. Rad. U1 Shelton "90.1 100 h.v.; 340'; Schools
CA Athens "91.3 3000 h.v.; 330'; GA Public Tele. GA Tifton "91.1 3000 h.v.; 250' " "
IL Canton W80D 100.3 3000 h.v.; 330'. Did not delete apparently, as one VUD reader pointed out it recently got a facilities' change
IL Petersburg 97.7 3000 h.v.; 330'
KS Wichita "88.3 15500 h.v.; 145' Ed. Bcstg. Fou. KY Okolona (Louisville rim-shooter) "88.9 24000 h.v.; 570'; g. Evangel Semuls
MI Gladstone 105.5 3000 h.v.; 330'
NV Beatty K228CL 93.5 (KPAH 92.7 Tonopah)
OR Cave Junction K255CH 100.9 (KEKA-FM 101.5 Eureka CA) (97.5 Bend OR)
OR The Dalles K240BN 95.9 (KMN 97.1) 1300'
SC Clearwater (near Augusta GA) 98.3 3000 h.v.; WA Seattle, Aki Beach K258AA 99.7 (KSW 99.9 Seattle) (Nathan Educational Bcstg. Found. WA Yakima "81.1 700 h.v.; 690'; g. WA Wauwat-Rothschild W208AC "89.5 (WXPX 91.7 Rhineland WI)
VI Charlotte Amalie 107.1 1350 h.v.; 1830'
BC Sechart 104.1 5 watts; fm (CISQ 104.9 Squamish relay). "Your Dec. column listed CIGS 107.1 as Sechart. It should be listed as Gibsons-Sechart."

NS Inverness (60 km W. Sydney) 94.3 490 w; CBC
ON Red Lake CKRE 98.5 170 h; 82'
YT Carmacks 90.5 1 w, CKRW AM relay & local, 170 km NW Whitehorse. (powerful FM station)
YT Old Crow 100.1 50 w, CBC, Yukon's most/
YT Pelly Crossing 90.5 1 w, CKHw and native

FACILITIES CHANGES GRANTED

AL Albertville W08B 106.1 1000' (100000 h.v.)
AK Anchorage KKLK 104.1 55000 h.v. (717)
AZ Kingman KAWA 105.9 12500 h.v.; 3680'
AR Newburg KLLN "80.9 4000 h.v.; 455'
AR Pine Bluff KALL 94.9 100000 h.v.; 1870'; transmitter Redford AR. (reduces coverage)
CA Blythe KJNB-FM 100.3 36000 h.v.; 57' /
CA Laurel K216 - "91.1 (from K228AH 93.5), on the air 91.1, but exact call numbers unknown.
CA Mariposa K228D 105.5 now has K0ND 98.5 Delano, not KEBR Sacramento on it
CA Pasadena KROQ-FM 106.7 5200 h.v.; 1390', reduces coverage somewhat
CA Project City K244AY "96.7 has KEAR 106.9 San Francisco, not KEBR 100.5 Sacramento on it
CA Salinas K252CK "98.3 (from K249AR 97.5)
CA Santa Maria K285CX "104.9 " K288CF 106.5
CT Stamford WYRS 96.7 adds v, 330' (3000)
FL Pensacola WJLQ 100.7 1555' (100000 h.v.)
GA Mc Donough WMMV "90.7 on air with mono g at 13 watts (temporary power, as zoning board tugged down request for 300' tower). "It's very weak and has lots of static. I heard them ID as 'WMMV FM 90.7 Mc Donough!... I may have been

the first human being to ever tune in. Even people in Mc Donough (my mother lives there) are not even aware of it."
HI Lihue KJAD 92.7 100 h.v.; 1220'; FCC says application for 96.9 cancelled; assume station was not deleted, and is going back to former facilities.
ID Emmett KKIC-FM 101.7 1250 h.v.; 510'
IL Morris WCSJ-FM 104.7 40000 h.v.; 185'
IN Bedford WBFF 105.5 2000 h.v.; 400'
IN Muncie WOKZ 104.9 330' (3000 h.v.) (hv3100)
IA Marshalltown KFJB-FM 101.1 adds v; 75000/
KS Ogden KOLA 103.9 315' (3000 h.v.)
KY Ashland WAMX 93.7 740' (100000 h.v.)
KY Hazard WSGS 101.1 1480' (100000 h.v.); \$7
LA Galliano KBAU 94.3, not Golden Meadow, apparently staying in Galliano
MD Cumberland WROG 102.9 1440' (3500 h.v.)
MA Brookline W80S 92.9 17000 h.v.; 860'
MA Fitchburg WXL0 104.5 25500 h.v.; 680'
MN St. Louis Park KJJO 104.1 100000 h.v.; 1070'
MS Patuxent WMMF 106.3 1800 h.v.; 400'
MO St. Louis KSD 93.7 985' (100000 h.v.)
MT Billings KZLS 97.1 adds v, 85000 h.v.; 385'
NE Lincoln KJUS 95.3 90' (3000 h.v.)
NV Austin K276CS "103.1 (from K249BT 97.7)
NM Albuquerque KHFM 96.3 20000 h.v.; (4130')
NM Gallup KOVO 94.5 100000 h.v.; 1380'
NM Socorro KHBN 92.7 3000 h.v.; 235'
NY Albany WYX 106.5 15500 h.v. (900')
NY Bath WVIN-FM 98.3 2750 h.v.; 340'
NY Ellenville WELV-FM 99.3 100 h.v. (1630')
NY Plattsburgh WGF 99.9 100000 h.v.; 985'
NC New Bern WSFL-FM 106.5 100000 h.v.; 915'
NC Rocky Mount WVSP "90.9 (from Warrenton)
NC Tarboro WKTC 104.3 985' (100000 h.v.)
ND Oakes KDDR-FM 92.3 4000 h.v.; 150'; C27
OH Springfield WAZU 102.9 490' (50000 h.v.)
OR Phoenix KHUG-FM 106.1 33000 h.v.; 3275'
OR Tillamook KTL-FM 104.1 16500 h.v.; 185'; a drastic reduction in coverage from former 98000 h.v.; 2000'

PA Bellefonte 96.3 660 h.v.; 580'
PA Greenville WTGP "88.1 1100 horizontal, 7'
SC Barnwell WBAW-FM 101.7 330' (3000 h.v.)
SC Mount Pleasant WDXZ 104.5 (from 104.3)
SC North Myrtle Beach WNNB 105.5 330' (3000w)
TN Sweetwater WDEH-FM 98.3 (from 95.3) - apparently on air and DX ready on 98.3!
TX Bryan KORA 98.3 800 h.v.; 530'
TX El Paso KXCR "89.5 175 h.v.; 1090'
TX Hutto (from Taylor) KRGT 92.1 1650 h.v.; 450'; non-ID assumed dropped, still Spanish?
TX Lake Jackson KGMU 107.5 100000 h.v.; 1955'
TX Lubbock KLLL 96.3 820' (100000 h.v.)
TX San Angelo KIXY 94.7 360' (100000 h.v.)
TX San Antonio KJY 94.7 360' (100000 h.v.)
VT Lyndonville WML R "91.5 (from 98.3); assumed. FCC says its grant for 98.3 has been forfeited, but station could be deleted - at, what fun it is to second-guess the FCC!

WA Wallace Place KGTS "91.3 4600 h.v.; 1295'
WA Mullens WPMW 92.7 330' (3000 h.v.)
WI Berlin WISS-FM 102.3 3000 h.v.; 176'
WI Milwaukee WVCY 107.7 24000 h.v.; 540'; reduces coverage
PR Bayamon WGSX 94.7 32000 h.v.; 1780'
PR Rio Piedras WFID 95.7 50000 h.v.; 940'
BC Kelowna CBTK 88.9 (from 95.7)
CILK 101.5 11000 watts
NB Campbellton CBAE 90.5 (from 88.1)
ON Toronto CKLN "88.1 250 h.v.; new, unannounced
PQ Verdun KCOI 96.9 has vertical (and h)
YT Whitehorse new 93.5 (not 92.5)

AL Arab WCRQ 92.7 rm, "The New Lite 92.7 WCRQ," not a non-ID. "They now sign off at night, so that's a welcome change."
AZ Phoenix KFLR-FM "90.3 (glossed)
AR Mountain Home KKTZ 107.5 mr, \$, no SCA
CA Bakersfield KIVI 92.1 to be c; "sister station to KDFC 102.1 San Francisco. Apparently, they'll ship KDFC's tapes back and forth. The owner was surprised when I mentioned that KQXR 101.5 was classical back in the '50s; guess he was planning to bill KIVI's format as a first."
FL Coral Gables WHOT 106.1 s, no rock.
FL Gainesville WYFB "90.6 G network (Woody)
FL Jupiter WIKI-FM 96.7 (rock)
FL Lakeland WCIE "91.1 S network (Network)
GA Blakely WBBB-FM 93.5 k, has "Satellite New/ GA Cordele WFAV 98.3 Mutual news, "FM-98"
GA Douglas WDMG-FM 99.5 R (United Stations network news); still monophonic
IL Champaign WFTL "90.1 rock and jazz
IL Litchfield WSMI-FM 106.1 kr-- "has been for 3 years at least." Yes, this column strives to bring you always the latest news!
IL Rantoul WRBZ 96.3 r (not fm, no more satellite); now "82-95," not 82FM.
IL Sullivan WSAK 106.3 k, not k and r
IL Urbana WKIO 106.9 r, not rp, is half-way up on its new tower. New facilities: 2350 h.v.; 330'. New tower "right next to their little tower. It really looks dwarfed by the new one."
MN Duluth WAXX 98.9 no network (carries only special events and newscasts from the ABC Direction Network, but no network newscasts)
MN Eveleth WEVE-FM 97.9 E network; IDs on hour as: "Eveleth-Virginia-Hibbing-Cook-On-Embarres-Bull Mountain Iron," and possibly rotating among other cities.

MS Clarkdale WAD 106.3 m, stereo
MS Oxford WKJL 107.1 r, still s, J-107 (strict)
MO East Liverpool WELA 104.3 no network
PA Altoona WFBG-FM 98.1 no network
PA Blairville WNOQ 106.3 S net, "Wink-FM"
PA Bradock WHYW 96.9 no network
PA DuBois WOWO 102.1 kr (k days; r nites)
PA Greensburg WOKU 107.1 no network
PA Johnstown WGLU 92.1 no network
PA WJNL-FM 96.5 no network
PA New Kensington WWCN 100.7 no network
PA Pittsburgh WRCT "88.3 no network
WWSW 94.5 no network
WHTX 96.1 no network
WPIT-FM 101.5 G (Moody) network
WYDD 104.7 no network
PA Sharon WYFM 102.9 no network
PA Uniontown WPMR 99.3 i network, still Q-99
TN Bolivar WGKZ-FM 96.7 r, \$ (from k)
TN Chattanooga WSKZ 106.5 r
TN Knoxville WIMZ-FM 103.5 r (the change of WJRX 103.1 Jackson to rp makes only two other rp TN stations: WKDF 102.3 Nashville and WZXY 104.9 Kingsport) (network)
TX El Paso KBNA 97.5 Spanish, r, assumed no Y / TX Midland KBAT 93.3 rp
TX Texarkana KATL-FM 98.1 r, "98-Rocks"; \$7
WV Fairmont WFM 97.9 no network, "Great 98"
WV Wheeling WKWK-FM 97.3 no network
WVOV 98.7 no network
WZMM 107.5 no network, "FL 107-5"
AT Calgary CJAY 92.1 denied change to harder #
MB Winnipeg CITI 92.1 r

STEREO

AL Othan WRWA "88.7 c, stereo assumed; simulcast with WTSU "88.9 Troy-Montgomery AL, which is also c; P network for both.
AK Anchorage KATB "89.3-first g station for

sec which can produce the most outrageously poor on-air presence. Both production and audio quality are setting new lows on both stations, with WYQQ being worse by far (wavering, fluttering phone-line quality taped music cut randomly at times—and you should hear what their compression does to this in the snails between songs). The basic format of WYQQ is still country-oriented, but tends toward adult contemporary, especially in the evenings. WYQQ, on the other hand, is programming some sort of ridiculously varied CHR/rock/pop/oldies/MOR/easy listening/country/whatever format which they call "adult middle of the road." Imagine a 60s garbage-rock tune segued into a Perry Como song. . . . You'll note that Pittsburgh radio is now more varied than ever—served by 4 CHR stations, 7 adult contemporary oriented stations, and 2 contemporary rock stations. Wonderful!!!! Finally, what is the status on low-power FM? I keep thinking I might even be interested in this myself someday. (I think the Moody proposal, reported above, is the latest. That would enable FM translators to pick up the primary station by satellite or microwave feed. I believe local origination by FM translator would be part of such a proposal, and that would, in essence, make for "low-power FM.")

Max Engel sent information on Hartford FM, including a copy of a letter he received, dated April 2, 1948, from WHTF-FM Hartford CT. The FM section of the March 29, 1948 "Hartford Times" accompanied the letter to Max, and guess what? Max sent me the entire paper, but it is falling to pieces so rapidly that I have not figured out a way to open it and photocopy the good stuff. There are several ads for radios from such companies as RCA Victor, Emerson, Fada and Stromberg-Carlson. I'll try to get to more of that next month, and to tell you more about WHTF-FM. Max comments: "I would like to give you my thoughts on the Ray Briem Show. I got up early to listen. It is unfortunate that Ray Briem did not devote any time to TV and FM DXing. The day before the program went on the air I telephoned the WABC program department and told them that in 1985 WABC cut off the Ray Briem show before it was over. I told them it would be a public service to have the entire program carried by WABC. . . . Unfortunately, WABC cut off the program at 5 a. m. EST and there is no other station in the NYC area that carries the program. I would like to suggest that the WORLDWIDE TV-FM DX ASSOCIATION contact Larry King at WTOP Washington DC regarding a TV and FM DX program. . . . It was nice hearing you on the Ray Briem Show. Every afternoon WABC has time for Bob Grant to tell his listeners 'get off the phone, you creep.' They should be able to clear time to carry the Ray Briem Show in its entirety." From Max's letter: "I am enclosing the FM section of March 29, 1948, HARTFORD TIMES. On p. 5 it tells us that WDRC-FM Hartford is the successor to W65H. Pardon the appearance of this old newspaper, but I thought it may be of interest to you."

Dave Albert, of ABC, sent me a complete listing of the network's affiliates. The list covers all six ABC networks, including the Rock network. I have sent the list to Roger Winsor, who is living back in Champaign-Urbana IL, for analysis. I will omit from the list stations that only use the network for commercials, special events, or news actualities—stations that do not carry daily (Monday through Friday) at least one complete network newscast. Dave also sent a NY metro radio audience report from the Fall Arbitrations. Included, probably by error, is one noncommercial station: WFME #94.7 Newark NJ, which had a .8 for the highest rating for a religious station. I plan to write Arbitron and ask them to kick WFME out (since it qualifies as a noncommercial station, having translators in the 88-92 mhz part of the band reserved for education), or to include other public stations in the reports. The top 10 stations are WFLJ 95.5, WHTZ 100.3, WRKS 98.7, WOR 710, WBSL 107.5, WINS 1010, WLTW 106.7, WNEW-FM 102.7, WCEB 880, WPAT-FM 93.1. In all, 43 stations are listed, including scores of rim-shooters. One station not showing is WYRS 96.7 Stamford CT, which with its jazz format I thought would make it. Chicago ratings were also sent. The top 10 stations (with two tied for the tenth spot): WGN, WBMX, WGCI, WLOO, WFPM (AM), WLS (AM), WLUP, WBBM-FM, WLAK, WCLR, WUSN, with WFMT-FM bringing up the rear, at No. 18. And he sent a



Blaupunkt ARI road information system promotional card for the NYC area. The card information is dated, however, showing 100.3, the New Jersey-area station, as WVNJ-FM, not WHTZ.

Nick Lombardi kindly sent me copies of a two-part article on SCA that was in "Modern Electronics," Dec. and Jan. The circuit uses the XR-2211 chip, which my TR-II adapter uses, and includes a squelch or muting circuit. Nick comments: "The author of the article seems badly misinformed with respect to ARI, apparently unaware that the traffic information is on the MAIN FM channel, available to all; the ARI sub-carrier contains only continuous 'tone' tones and 'message alert' tones which activate the receiver and/or switch from tape playback to radio to insure that the traffic info is heard. . . . I'm glad to hear that the new Atlas will soon be completed, but I do wonder what 'going to a computer' has to do with deciding whether or not to implement the new SCA categories." [I have a computer on order, which should come after Jan. 17. If I learn its operation quickly, I will make use of it to store and present the data, using this IBM Composer solely as an output device. If I do that, I will reformat everything, including the SCS categories, and will do away with the networks, at least in the geographical directory. If I do not use the computer in typesetting the Atlas, I will continue to type from the printout generated by keypunch cards. I will not change the system, if I must use the cards to generate data, but will do so at the time I go to the computer. At that time I also expect to recalculate all antenna heights in meters and use the new FCC metric curves in calculating coverages. Miles will disappear, as they should have ten years ago. Finally, I will catch up to that most conservative of all government agencies, the FCC, which went metric some time ago. I will, however, keep the scale of miles on my maps for one more edition, but expect to cover that up in the future. I plan to recalculate all coverages using the new curves rather than just recompute mi into km. This will reflect the newest thought in FM coverages, and make for the most accurate data I can present. How much of this I can do in the next month or two is uncertain. I think you'll like the final product, even if you are not presently a fan of the metric system.]

Paul Gaines sent official word on the sale of WWJ-WJ01 (FM) Detroit to a group of local investors for \$39 million. Detroit's top radio stations in the ratings are: WJR 760, WJLB 97.9, WJ01 97.1, WRIF 101.1, and WWJ 950.

Ron Wing contributes to the column from Wichita. He's hearing K261BL 100.1, a KCFO-FM 98.5 Tulsa OK translator. "The translator seems to have a great deal of trouble receiving its primary station. The broadcast signal would get extremely noisy, then the translator would shut itself off, then after a while it would turn itself back on with an extremely noisy signal, which would gradually improve for a while; and then the whole thing would happen again. The next day I did not hear the translator on the air at all." Shows what happens when broadcasters try to stick translators out too far for them to reliably receive the main channel.

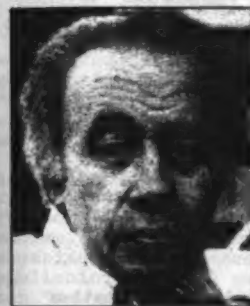
Frank Sulek sent a long write up from Joe Sullivan, the broadcast coordinator of the Empire State Building, mentioning the stations on the master antenna. All of that agrees with the information published here before, with the exception of WNYC-FM, which has a c.p. to broadcast from the World Trade Center, but which is still at the ESB. The report says: "A number of FM stations had applications to move to the World Trade Center, but did not follow through. They would have been subject to adjacent channel interference in some cases from FM stations in other cities. Those that wouldn't have and didn't move would have caused interference with other stations. Even FM stations now on the World Trade Center have complained of adjacent channel interference problems." The report does not mention the stations receiving or causing the alleged interference.

Richard H. Perrin: "At 2:16 p. m. Dec. 10 Simon Geller, 65, of WVCA 104.9 Gloucester MA broke into his taped program

to jubilantly announce that the FCC had unanimously voted to renew the WVCA license. The case took 11 years." Although WVCA is commercial, it carries advertising from only four local businesses, and is supported primarily by listener contributions.

"Radio's Weaker Signals Crying for Help" is another article Mc sent from CA. It details KPOO San Francisco, and its poor finances, especially after the CA governor cut off state funding for public radio. The station's \$97,000 annual budget

comes from such things as listener contributions, T-shirt sales, and the State Arts Council. KIDE, operated by the Hoopa Indian tribe near Eureka, is said to be in desperate straits, with KIDE's future uncertain.



R. H. Perrin says "Almost totally my listening is to serious music stations either from Portland or Boston, and sometimes to WVCA. WVCA is mono only and at a distance of 50 air miles with a 3 kw power output is received here quite well. . . . There are many days when out-of-state signals wipe out even locals only 30 miles away. Oddly enough, not always is there anything doing on FM at the time distant TV stations are popping in."

Al Germond also solved the W65H mystery of last month, and gives other early FM histories: "W51C, the Zenith station in Chicago, was at 45.1, W55M, the Milwaukee Journal adjunct to WTMJ, was at 45.5, W59C, the FM side of WGN was 45.9. . . . There was K45LA (Don Lee, Los Angeles, now whatever the RKO General station is at 101.1; a direct connection exists), W45BR (Baton Rouge LA, still owned by the Manship family 45 years later!), W31NY, W45NY, W59NY, W63NY, W67NY, W71NY and W75NY all NYC. . . . WQXR's pioneer FM outlet operated as WQXQ several years, WGNB was the FM side to WGN and WHNF was the FM partner to NY's WHN-AM. [As is KSUL, the FM partner to WSUI (AM) Iowa City, and dating back to the 40s—b.c.]. But back to WDRC-FM, W65H, W3-KPW, etc. Franklin Doolittle (the late, he died in 1984) started WDRC AM in 1922 and owned it until 1959. It figured in the mid-20s with another AM station (WPAH) in early bilingual stereo broadcasts. High frequency operation traces to 1936, but this may have been just a typical AM relay between 30-40 mhz which was quite common in the period. We do know that Doolittle was a friend of Armstrong's and early on embraced the Major's FM experiments. An inveterate experimenter, Doolittle may have experimented with FM as early as '36 (the IRE demonstration was in 11-35) . . . We do know Doolittle had an experimental authorization in the 40 mhz range under the call W1XPW and built a 1 kw facility south of Hartford on Meriden Mountain which went on the air in summer '40. This was an exciting period in the developmental phase of FM with Daniel Noble, a U. of CT professor successfully demonstrating mobile FM police radio, resulting in its adoption by the CT State Police and other departments around the country. Noble then went to work for Motorola, theretofore principally a car receiver maker. But mobile radio is another story. The Meriden Mountain rig consisted of a 1 kw transmitter feeding a 6-bay turnstile antenna with open lines. Since the cables were short, this arrangement probably yielded something in the order of 5 or 6 kw. The WDRC-FM promontory overlooks the populous Connecticut River valley; even then, several million potential listeners were within 75 miles, the probable 50 uv/m radius (at 40 mHz). Of course, 1-1-41 marks the date W65H came into existence and those calls were used until WDRC-FM (still at 46.5) took over in '43. The billboard pic was widely reproduced in various trade magazines late in 1941." Al sent one from Milton Sleeper's "FM" magazine, Oct., 1941.

"At this time there was lots of FM activity within 100 miles of Hartford. There were two outlets in the Worcester MA area including the 50 kw (more like 400 kw early) Yankee Network outlet high on Mt. Asenebunkit. And WTAG-AM had an FM adjunct as well. Travelers Insurance opened an FM adjunct to its WTIC-AM and Westinghouse had an FM adjunct to WBZA (the synchronous relay for WBZ-AM) in Springfield.

"Although Geller's station is commercial, it carries advertising from only four local businesses and is supported primarily by listener contributions"

More ambitious listeners could hear WGMF, the Schenectady NY GE outlet, Yankee's Mount Washington NH relay (at 6290 feet above sea level) plus a half dozen NYC area outlets, including Armstrong's own 40 kw W2XMN. We also know from personal experience typical FM units of 1940-42 were hot performers, virtually all with tuned RF stages and enough IF amplification to his loudly between stations and if licensed Armstrong circuits, with two limiters to keep AM out. [FM suffered for years after the war because only a few manufacturers wanted to spend the money to produce quality circuits; the move to 100 mhz was ahead of cheap receiver technology and many shortcuts were taken to compete with the flood of cheap plastic AM sets that flooded the 1946-50 replacement market.]

"WDRC-FM operated until an unknown date in the late 1950s when the license was apparently surrendered. Then, mysteriously, it came back on the air in 1959; I recall hearing it that year but being told there had been a lengthy period of silence; of the Hartford stations, only WTIC-FM carried on during FM's mid-50s bleak period. So now WDRC-FM continues, claiming in "Broadcasting Yearbook" 1936 as its year of origin but apparently forgetting the 1950s hiatus. . . . I may also send a copy of an early FM dial with the call numbers. Philco, Freed-Eismann, Zenith and GE all produced receivers (which I have) utilizing the call numbers. It was a good idea in its day but obviously coming up with hundreds of city letter combinations would have been a killer: Pittsburgh got the simple letter P while its much larger cross-state rival took on PH." [And I suppose Punxsutawney would get FUJ—b.c.]

If space permits, I'll try to provide some historical FM pictures. Meanwhile, here are this month's CONTRIBUTORS: David R. Alpert, ABC, New York NY; Steve Agat, Philadelphia PA; Robert Baker, Humboldt IA; Marty Barvinchak, Pittsburgh PA; Jim Bell, Bloomington IL; Waldo F. Bishop, Tallahassee FL; John Ebeling, Bloomington MN; Max Engel, Brooklyn NY; Wendell Ford, Westville IN; Larry Fuss, Jackson GA; Paul L. Gaines, Detroit MI; Dr. Al Germond, Columbia MO; Larry Hart, Ingleswood CA; Quentin Hope, KANZ, Pierceville KS; John M. Jefferson, Pleasanton CA; John Lapp, GA; Nick Lombardi, Atlanta GA; John B. Manuel, Ruston LA; W. R. McIntosh, Granada Hills CA; T. K. McVey, Knoxville TN; Bill Myers, Carlisle PA; Rod O'Connor, Kodiak AK; Walter Patton, Willowsdale ON; Richard H. Perrin, Wells ME; Keith Pugh, New Hope AL; Richard Reese, Jersey Shore PA; Frank Sulek, Cartersville; Mark A. Voth, Waverly IA; Larry Wall, Acton MA; Ron Wing, Wichita KS; Roger Winsor, Champaign IL.



FM DEMONSTRATION DRAWS CROWDS AT G. FOX & CO. STORE, HARTFORD CT. FROM "RADIO RETAILING," DECEMBER, 1941, AND SENT BY AL GERMOND.

UPDATE

STEVEN P. SPRACHMAN
15 Berry Lane
Micksville, NY 11801-6203
516-731-3305

TODAYS MAIL

I get a lot of mail each week regarding my work as the club's representative to ANARC. Today, I got several letters that may be of some interest to the membership.

A few months back, I wrote an editorial about the sponsorship of ANARC conventions. I wrote a letter to the Executive board of ANARC with the same comments. The letter and the editorial were photo-copied and sent to all the board members. Well, today I got a response. The response was from Harold Sellers of the Ontario DX Association. He felt that many of my ideas were unworkable. I felt that the sponsorship of the convention could be rotated among the ANARC member clubs. He opposed this by saying that since these clubs are voluntary, then the sponsorship of the convention should be voluntary. Mr. Sellers felt my idea of rotating the convention by geographic area would deter potential sponsors by making ANARC seem like a tyrant, telling people what to do. He then states "Clubs which now hold their own annual conventions might consider foregoing their own convention one year and sponsor the ANARCON. This would introduce their members to ANARC and introduce other ANARC Clubs and their members to the host club." He continues by challenging WTFDA to be the first club to volunteer. I think that this is a great suggestion. I think that WTFDA should take up the challenge. I'd like to hear from everyone about the idea of hosting the 1988 ANARC Convention in place of the WTFDA Convention. And I am willing to work on such a convention with any interested members anywhere in the U.S. Let's do it soon so we can put in a bid for 1988!

My next letter was from Terry Colgan, Executive Director of ANARC. He greatly enjoyed attending the 1985 WTFDA Convention in New Orleans and he enjoyed meeting all who attended. He stated that we can not continue to complain about the lack of programs for TV and FM DX'ers at ANARCON unless we offer to help. He is looking for volunteers to hold talks about TV and FM DX'ing. I am planning to attend this years convention in Montreal (July 18-20). I would like to hear from anyone who is planning to attend so we can set up a program. If anyone would like to send a copy of a tape of their FM DX, a video tape or slides of their TV DX, or has any suggestion on how we should run such a program, please write. A program by WTFDA would be the best publicity that the club can get.

My final letter in today's mail was from Don Hosmer. He was my roommate at the Washington D.C. ANARCON in 1983. He is now the head of a fine new local DX club for the state of Michigan called the MICHIGAN AREA RADIO ENTHUSIASTS(MARE). His club has regularly scheduled meetings, a place to hold DX'peditions and they publish a bi-monthly bulletin. For more information, write to Don c/o MARE, 24500 Union, Dearborn Mich. 48124 USA. Tell him you heard about MARE from WTFDA.

There is one comment from Don's letter that I'd like to share. Don stated that one MARE member near Brighton, Mich. "picked up and video taped a Mexican TV station on UHF". He couldn't give me any exact details. I hope Don suggested to this MARE member to join WTFDA, if he is not already a member.

That's it for this month.

73's,

*Steven P. Sprachman
and my friend
Pestal carrier)*

Worldwide TV-FM DX Association

FEEDBACK

WTFDA'S CO-FOUNDER
MORRIE GOLDMAN ANNOUNCES
RESIGNATION FROM CLUB
BOARD OF DIRECTORS

After considerable thought, I have decided to tender my resignation as a board member of WTFDA...in recent years, the free time that I have had available to the club has been very limited. My look ahead into 1986 points to more of the same. As a result, I must relinquish my board post so that a more active member can takeover. I do believe that this is in the best interest of WTFDA.

As co-founder of WTFDA, and as one who has worn many hats in the organization, I can honestly say that active participation has been personally very rewarding. The more active, the more new friends and the more visible the fruits of labor become. I strongly encourage WTFDA members who have not taken a role in the organization to become active. There's plenty of opportunity in editorial, publishing, special projects, convention hosting or even membership drives. You can "do your own thing," help others and enjoy the process. I've been VUD editor, publisher, column editor, article writer, publicist, literature creator, convention host, grunt and bottle washer...and I'd do it all again...and who knows, may yet one day...

I'm certainly not the only one with a record as a do-er. Too many to name have gone above and beyond the call of duty. But that's history. As the count once said, "today we need new blood."

WTFDA needs more activists who not only enjoy their hobby, but enjoy preaching the gospel of DXing...zealots who will help spread the word about every aspect of the hobby and pump vitality into the organization. That can't happen with the same group of "leaders" every year.

I look forward to my continuation as a supporting member of WTFDA and have just renewed. This coming year, I should have a "real" antenna system up for the first time in a number of years. Hopefully I'll have DX to report. I also hope to attend the '86 convention, and perhaps even submit an article of two to the VUD.

Clearly, WTFDA has many challenges and opportunities facing it. We're not perfect, but we're not bad either. The active support of just a dozen or so additional members could make a world of difference in the VUD and the vitality of the club.

In addition, I strongly believe that WTFDA must embrace the microcomputer revolution with open arms. For example, the WTFDA TV STATION GUIDE, once fully on-computer (both tables and maps) could be updated easily on an ongoing basis, so that every year--without fail--we could have a new edition in time for the DX season. (That could also keep us financially solvent for years to come without frequent dues increases.) For the latest news of new stations and actual DX reports, it's not beyond reason to imagine WTFDA having its own computer bulletin board. Members would be able to dial in, read the latest happenings, add their own reports and perhaps even alert others to current DX conditions. This sort of instant communications is already commonplace in other hobby areas. There are many other potential applications for computers to simplify the work of volunteers and improve efficiencies. Some of our members have already been involved in computers for years. We should try to benefit from their experience--I know they're out there--and ask for help.

Let's keep the energy levels high and look forward to more years of growth, and service to DXers everywhere. WTFDA has had a remarkable record for years of serving a dedicated membership, and if we play it right, the future could be even brighter.

Thanks for the memories and those yet to come.

--Morrie S. Goldman
WTFDA BoD Member (retired)

VHF UTILITY DX

DONALD L. BLEVINS
3615 EAST LOMBARD STREET, BALTIMORE, MD 21224-2408
PHONE # 301-522-2089

VHF UTILITY DX...This month will focus in on Highway Maintenance frequencies, call signs and locations. For those of you who have read my monthly feature for some time may remember that I did list the frequencies of these agencies. I would like to point that the frequencies I have listed are used exclusively by State Highway Agencies, as the FCC has allocated State Agencies separately from local agencies. This type of information is a great deal easier to research.

10-14-85 KNEN-660	155.385	Springfield, MA	Springfield Hosp &
10-14-85 KCD-384	033.94	Manchestester, CT	Manchester Fire
10-14-85 KCC-672	033.94	South Windsor, CT	South Windsor Fire
10-14-85 KCB-457	033.86	Newton, CT	Newton Fire
10-14-85 KCF-596	033.86	Brookfield, CT	Brookfield Fire
10-14-85 KCF-587	033.86	Monroe, CT	Monroe Fire
10-15-85 KKL-668	155.385	Hartford, CT	Community Health Sv
10-15-85 KCA-394	155.07	Westmoreland, NH	Police Department
10-15-85 KCD-472	033.94	Windsor Locks, CT	Fire Department
10-15-85 KCF-569	033.78	Tolland, CT	Fire Department
10-15-85 KQW-555	033.64	Willimantic, CT	Fire Department
10-15-85 KDC-882	156.00	Town of Newington	Town of Newington
10-15-85 KRA-486	155.34	Winsted, CT	Mem Hosp/Ambo
10-15-85 KJJ-377	046.18	Cromwell, CT	Fire Department
10-15-85	046.18	Middletown, CT	Fire Department
10-15-85 KCH-884	046.06	Naugatuck, CT	Fire Department
10-15-85 KCH-245	046.18	Haddam, CT	Fire Department
10-18-85 KEF-222	046.46	West Babylon, NY	FPD
10-18-85 KYP-496	155.55	East Longmeadow, MA	Police Department
10-19-85	039.14	Lafayetteville, NY	Police
10-19-85 KCF-589	033.86	New Fairfield, CT	Fire Department
10-19-85 KEV-444	155.355	New Britain, CT	General Hospital
10-19-85 KCE-721	033.70	Litchfield, CT	Fire Dispatch
10-21-85 KCI-233	033.66	Watertown, CT	Fire Department
10-21-85 KEE-576	046.46	North Babylon, NY	Fire Department
10-21-85 KEG-977	046.46	Selden, NY	Suffolk County Fire
10-21-85 KXV-489	033.94	Grandby, CT	Fire Base
10-21-85 WRX-703	046.50	West Haven, CT	Fire Department
10-21-85 KZC-491	033.70	Barkhamstead, CT	Pleasant Valley FD
10-21-85 KCE-454	033.70	Morris, CT	Fire Department
10-21-85 KTS-493	154.86	Cheshire, CT	Conn State Police
10-30-85 KCC-712	155.52	West Springfield, MA	Police Department
10-30-85 KTD-334	460.125	Manchester, CT	Police Department
10-30-85 WXX-455	461.60	Bolton, CT	Propane Gas Srvc Co
10-30-85 KBP-809	033.72	Bloomfield, CT	Fire Department
11-03-85 KNFP-321	154.205	Newburgh, NY	Cronomer Valley FPD
11-03-85 KCD-305	155.61	Windsor Locks, CT	Police Department
11-03-85 KCB-280	033.98	Waterbury, CT	Fire Department
11-04-85 KCH-462	155.76	East Longmeadow, MA	Civil Defence
11-04-85 KSZ-695	033.96	Poundridge, NY	West Chester County
11-04-85 KRI-572	033.70	New Hartford, CT	Fire Department
11-09-85 KUO-819	460.425	Newington, CT	Police Department
11-12-85 KCE-357	033.70	Bethany, CT	Volunteer Fire
11-12-85 KNGT-951	033.70	Harwington, CT	Volunteer Fire
11-12-85 KYF-457	033.70	New Hartford, CT	South End VFD
11-13-85 KCA-773	039.90	Norwich, CT	Police Department
11-25-85 KEG-707	462.95	Wethersfield, CT	Volunteer Ambulance
11-25-85 KFN-656	033.96	Thompsonville, CT	Fire District
11-25-85 KNYG-845	046.18	Portland, CT	Fire Department
11-25-85 KIU-252	033.94	Windsor Locks, CT	Hartford County FD
11-25-85 KCG-651	033.70	Derby, CT	Fire Department
11-25-85 KCF-460	033.70	Warren, CT	Volunteer Fire
11-25-85 KCT-676	033.70	Hamwinton, CT	West Side VFD
11-25-85 KCE-357	033.70	Bethany, CT	Fire

Bill Nollman
Pittsburg, CT
Reports

Nollman (continued)

12-04-85	450.45	New Haven, CT	WTNH TV 8 News Crew
12-04-85 WRB-572	453.15	Springfield, MA	Town of Springfield
12-04-85 KQI-316	033.90	Cincinnati, OH	Hamilton County Com
12-04-85 KQJ-943	033.80	Dublin, OH	Washington Twp Fire
12-04-85 KDP-455	033.98	New Concord, OH	Fire
12-04-85 KQL-885	033.96	Montville, CT	Fire
12-08-85	033.82	New Haven, CT	Fire
12-08-85 KCG-249	033.70	Southbury, CT	Fire
12-08-85 KEM-734	033.74	Canton, CT	Fire
12-10-85	154.355	Manchester, CT	Fire
12-10-85 KDU-448	154.40	Springfield, MA	Fire
12-10-85 KCD-575	033.62	Cheshire, CT	Fire
12-10-85	046.18	Portland, CT	Fire

COLORADO 47.02

Bald Mountain	KBI-914
Baxterville	KJW-715
Buckhorn Mountain	KFN-697
Canon City	KBI-903
Castle Mountain	KFN-698
Cedar Mountain	KFN-699
Cheyenne Mountain	KFN-700
Cheyenne Wells	KBI-913
Copper Mountain	KBI-912
Delta	KBI-858
Denver	KZQ-804
Dolores	KBI-910
Durango	KFN-708
Frisco	KJW-716
Grand Junction	KFN-704
Grand Junction	KRA-533
Hot Sulphur Springs	KBI-907
Hugo	KFN-703
Julesburg	KCM-881
La Veta	KFN-702
Lamar	KJW-722
Meeker	KBI-902
Mines Mountain	KBI-903
Montrose	KBI-906
North Mountain	KBI-908
Ouray	KIT-254
Pagosa Springs	KJW-714
Pool Table Mountain	KFN-701
Salida	KFN-695
Silverthorne	KVN-621
Springfield	KBI-900
Sterling	KFN-705
Sunlight Peak	KBI-905
Trinidad	KBI-904
Vail Village	KJW-717
Walton Mountain	KFN-696
Wray	KBI-901

WEST VIRGINIA 47.14 47.28 47.36

Amma	KNAE-808
Arista	KQF-370
Baker	KQK-453
Buckhannon	KQD-269
Burlington	KVC-845
Burnsville	KVC-981
Charleston	KNAG-316
Charleston	KNAL-535
Charleston	KQD-428
Clarksburg	KQA-406
Clarksburg	KXB-726
Clarksburg	KWF-747
Clay	KQF-390
Clay	KWB-726
Clayton	KQD-386
Elkins	KBM-946
Franklin	KQE-882
Greenwood	KWB-727
Huntington	KFB-589
Huntington	KNBN-600
Huntington	KVC-772
Hurricane	KFD-569
Hurricane	KNAE-807
Job	KQE-665
Judy Gap	KQG-484
Kanawha Falls	KQH-317
Keyser	KQD-271
Kimball	KQF-391
Lookout	KQG-483
Madison	KQF-389
Mannington	KQD-433
Marlington	KQE-887
Martinsburg	KVC-681
Martinsburg	KVC-688
Moundsville	KQD-276
New Martinsville	KWB-729
Oak Hill	KQE-446
Ona	KQB-524
Parkersburg	KQD-270
Parsons	KQF-795
Pineville	KQF-788
Point Pleasant	KQF-394
Princeton	KNOB-942
Red House	KQE-885
Ripley	KQA-405
Scary	KNAW-417
Sissionville	KCN-976
Skelton	KQE-386
Summersville	KQE-678
Sutton	KVC-431
Talcott	KQF-291
Thomas	KJW-454
Union	KQF-786
West Hamlin	KQF-794
Wheeling	KQB-730
White Sulphur	KJW-730

DELAWARE 47.22 47.34

Delaware City	KCV-371
Dover	KQD-205
Georgetown	KGE-556
Georgetown	WZX-933
Harrington	KGE-482
Leves	KSZ-257
Middletown	KGE-666
Seaford	KSE-481
State Road	KGC-901
Wilmington	KJY-892

Alamo KOI-349
 Arden KJV-224
 Austin KJW-571
 Austin KBN-829
 Baker KOG-965
 Basalt KCK-672
 Battle Mountain KAO-229
 Beatty KDN-439
 Blue Jay KCU-291
 Carlin KFE-357
 Carson City KJK-529
 Carson City KOF-525
 Carson City WSB-881
 Contact KOG-959
 Contact WYG-237
 Current KNBF-241
 Current KCK-364
 Currie KOG-957
 Dayton KAX-225
 Denio KOK-245
 East Ely KOG-967
 Elko KJD-580
 Elko KOG-374
 Elko KOI-367
 Elko KRP-756
 Elko KTN-417
 Ely WYD-952
 Ely KAS-295
 Eureka KRP-757
 Fallon KZH-911
 Ferguson KJE-962
 Fernley KJV-226
 Gardenville KOK-207
 Glendale KWO-438
 Goldfield KTT-914
 Hawthorne KON-464
 Imlay KCY-618
 Incline KOI-721
 Lake Tahoe KNAP-570
 Las Vegas KOG-961
 Las Vegas KOI-551
 Las Vegas KFM-308
 Lovelock KRC-575
 Lund WYV-398
 Mesquite WRE-358
 Mina KTT-913
 Nixon KAX-242
 Nixon KJL-674
 Northfork KOG-960
 Oasis KTN-408
 Orovada KOL-783
 Orovada KIT-640
 Pioche KLD-743
 Pioche KOL-663
 Reno KOG-997
 Reno KOF-525
 Reno KWE-506
 Round Mountain KAS-607
 Ruby Valley KOP-241
 Searchlight KDT-308
 Searchlight KNAP-569
 Springdale KGW-673
 Tonopah KOG-962
 Tonopah KOI-769
 Tuscarora KAT-806
 Virginia City KJV-225
 Warm Springs KCP-498
 Wellington KOG-373
 Wells KJE-961
 Wells KTT-951
 Winnemucca Mountain KOG-375
 Yerington KBY-481
 Zephyr Cove KWH-637

Alton KGB-854
 Bartonville KGB-567
 Bedford KTH-649
 Blue Knob KBG-658
 Brookville KSM-985
 Buckingham KGB-578
 Butler KGB-785
 Carlisle KGB-670
 Catawissa KGB-668
 Center Valley KGB-673
 Chambersburg KGB-666
 Clarion KGB-608
 Clarks Summit KGB-574
 Coudersport KGB-855
 Danville KGB-678
 Dauphin KGB-562
 Eagleville KGB-675
 Easton KGB-676
 Ebensburg KGA-506
 Elizabethtown KDX-213
 Emporium KSO-795
 Erie KGA-505
 Franklin KGA-295
 Franklin Township KGB-690
 Gettysburg KGB-665
 Greensburg KGB-717
 Hamburg KDL-940
 Harrisburg KDL-942
 Huntingdon KGB-657
 Indian Orchard KGB-568
 Indiana KDL-941
 Indiana KGB-720
 Kutztown KGA-503
 Kittanning KGB-719
 Lancaster KGB-572
 Lehigh KGB-674
 Lewisburg KGB-672
 Lewistown KGB-655
 Loganton KGB-852
 Mankton KGB-734
 McConnellsburg KGB-654
 Media KGB-576
 Mercer KGA-504
 Mifflintown KGB-581
 Milford KGB-570
 Montrose KGB-569
 New Bloomfield KGB-667
 New Castle KGB-442
 Penn Hills Twp KGB-716
 Philadelphia KGB-577
 Pittsburg KNAQ-439
 Pleasant Gap KGB-850
 Pottsville KGB-575
 Reading KGB-679
 Rochester KGB-718
 Rosemont KGC-835
 Saint Marys KGB-851
 Selingsgrove KDL-943
 Shawville KGB-853
 Somerset KGB-691
 Sunbury KGB-565
 Tionesta KGB-443
 Towanda KGB-573
 Tunkhannock KGB-677
 Uniontown KGB-689
 Warren KGA-502
 Washington KGB-717
 Waynesburg KGB-688
 Wellsboro KGB-563
 Wilkes Barre KGB-571
 Williamsport KGB-566
 York KGB-669

VIRGINIA 47.22 47.30 47.32
47.34

Abington KID-527
 Accomac KID-544
 Albemarle County KIC-255
 Amelia KID-557
 Amherst KID-563
 Appomattox KID-562
 Arlington County KFG-598
 Ashland KID-553
 Bedford KIC-929
 Bland County KTE-716
 Brookvale WRE-241
 Chesapeake KIC-540
 Chesapeake KRE-523
 Christiansburg KIC-923
 Church Road KNAT-711
 Colonial Heights KIG-861
 Covington KLR-267
 Croaker KUB-901
 Culpeper KIC-641
 Danville KKV-741
 Dillwyn KID-560
 Dublin KLE-692
 Eastville KKV-746
 Edinburg KIC-251
 Falmouth KID-552
 Fancy Gap KFF-516
 Farmers KID-549
 Farmville WRE-239
 Fishersville KUG-785
 Floyd County KIK-322
 Franklin KID-545
 Fredericksburg KID-552
 Free Union WSB-852
 Fremont KRF-323
 Gloucester KNBL-335
 Green County KLV-772
 Hague WRE-242
 Halifax KID-559
 Hampton KII-401
 Hanover County WBJ-947
 Harrisonburg KIC-254
 Henrico County KVM-211
 Hillsboro WSB-854
 Hillsville KIC-932
 Independence KRZ-307
 King George KID-550
 King William County KSL-263
 Leesburg KIC-257
 Lexington KIC-248
 Long Mountain KIE-817
 Louisa KIC-256
 Luray KIC-640
 Marion KRF-324
 Marshall KUY-449
 Martinsville KIC-931
 Massanutten Mountain KEW-980
 Massaponax KRF-321
 McKenney KUB-902
 Moccasin Gap KRF-322
 Montgomery County KUY-326
 New Kent County KUB-904
 Newport News KIP-711
 Norfolk KFR-435
 Norfolk KFY-442
 Norfolk KNBN-811
 Norfolk KRZ-309
 Norfolk KIF-670

ALASKA 47.06 47.14

Anchorage KAN-902
 Anchorage KDZ-486
 Anchorage WQS-901
 Anchorage WQU-319
 Birchwood WQQ-335
 Black Rapids KZE-627
 Cantwell KTG-677
 Chandalar WQS-899
 Coldfoot WRV-718
 Cordova KCN-640
 Craig KTA-974
 Deitich KNU-375
 Dillingham KJF-704
 Ernestine KBL-882
 Fairbanks KBY-358
 Fairbanks KGX-935
 Fairbanks KCN-204
 Girwood KCN-641
 Glennallen KBL-876
 Gustafas KCE-648
 Haines KCN-642
 Healy KLP-884
 Homer KCN-643
 Hope WSZ-324
 Hyder KZO-356
 Johnson River KCN-644
 Juneau KAX-904
 Juneau KLV-255
 Juneau KLY-237
 Juneau KLY-238
 Kalsin Bay KUY-632
 Ketchikan KRM-823
 Moose Bay KCN-646
 Naenak KXJ-234
 Nelchina KLP-883
 Ninilchik KCN-647
 Nome KGW-685
 Nome KZR-672
 North Kenai KCN-645
 Palmer KBL-881
 Paxson KBL-880
 Petersburg KVP-772
 Prospect KNAB-285
 Prospect WSW-741
 Seven Mile KNAB-286
 Seven Mile WQM-706
 Seward KCN-648
 Silvertip KCN-649
 Sitka KRX-397
 Skagway KZV-366
 Slana KBL-879
 Sunrise WSZ-323
 Talkeetna KTG-603
 Tok KBY-778
 Tok KCN-652
 Trappers Creek KNAB-910
 Trims Camp KCN-651
 Valdez KAX-903
 West Fork KWI-207
 Willow KBN-460
 Whangale KCE-446
 Yakutat KZO-357

SPECIAL REPORT

MORE ON ARGENTINA FM DX
FROM ANSELMO ROCCAFORTE

On Tuesday, 15 October 1985, there was a new Transequatorial (TE) F2 opening from Cental America during the 1940 to 2025 EST period. I have heard these frequencies:

88.1 MHz Radio Revelacion, Guayama, PUERTO RICO.
87.7 MHz unidentifiy, in Spanish
88.9 MHz maybe WJDZ-FM Levitton, PUERTO RICO. In English
90.5 MHz unidentifiy, in Spanish; the frequency doesn't belong to Puerto Rico; the station belonged to the Presbyterian Church.
91.3 MHz unidentifiy, in English, maybe WIPR-FM San Juan PR

I don't know if WJDZ and WIPR broadcast in both languages; if anyone has information about it, it could be useful to help me identify.

* * * * *

With the approach of the Spring, in this part of the world, the DX in the bands above 30 MHz had increased in a dramatic way.

During the last week of September the tropo propagation over the Rio de la Plata had been enhanced, because an anticyclone system was stationary over a big area.

I had received a new FM station from Uruguay: CX 222 (92.3) Emisora Libertador FM Stereo, FM Florida City. It is a low power station, and it is situated 150 miles from my home; now the station can be heard daily. During my first reception, September 26, 1985 0900 EST, it was possible to hear, during the fadings of CX 222, a FM station from Asuncion, PARAGUAY (700 miles from my home) on the same channel, 92.3 MHz.

Early the same morning, 0600 EST, 1000 GMT, I had heard LRH 251 Radio Chaco FM, Resistencia, Argentina, 101.5 MHz (450 miles).

The VHF ham band had benefited, too, with the tropo propagation. The repeaters of Montevideo, Uruguay (output = 147.240 MHz, input +.600) was used as a bridge by hams from Argentina and Uruguay, with a total distance of near 400 miles.

During the earthquakes in Mexico our repeaters had been used to collect the names of Argentine citizens living in Mexico City, and passed to Mexico on 14151 kHz USB.

* * * * *

Five years ago I bought a Bearcat 220, and after 4 years of heavy use I had problems with the keyboard. A year ago, I wrote a letter to Electra asking for a new keyboard; they sent me a letter with the price of \$5 U.S. and \$15 U.S. for handling and shipping. I sent a check for with the amount but I never received the keyboard, nor an answer. During this year I sent three letters with only one result: no answer. One day I was reading the 1985 edition World Radio TV Handbook and I read UNIDEN Corp. had taken over Bearcat; I wrote a letter, and after 20 days I had received a new keyboard by mail at my home, and now the Bearcat works 100%. Uniden sent me the keyboard without my having to pay again, which is now impossible for me to do due to economic restrictions on sending money to foreign countries from Argentina.

SPECIAL REPORT

More On Argentina FM DX

FM in Buenos Aires

Buenos Aires is the capital city of Argentina, in which nearly six million people live, and seven million in suburban areas. I live 45 miles from Buenos Aires. There are 11 FM stations on-air, all of which have studios and transmitters in the city. This list shows the actual status:

91.9 MHz LS 1 Radio Municipal (non-commercial, municipal)
94.3 MHz LR 1 Radio El Mundo (commercial)
95.1 MHz LS 10 Radio Del Plata (commercial)
95.9 MHz LR 4 Radio Splendid (commercial)
96.7 MHz LRA 38 Radio Nacional (non-commercial, governmental)
97.5 MHz LR 2 Radio Argentina (commercial, new station)
99.1 MHz LRA 37 Radio Nacional (non-commercial, governmental)
99.9 MHz LR 6 Radio Mitre (commercial, not yet on air)
102.3 MHz LR 9 Radio America (commercial, new station)
103.1 MHz LS 5 Radio Rivadavia (commercial)
105.5 MHz LS 4 Radio Continental (commercial)
106.3 MHz LS 6 Radio Buenos Aires (commercial)

As can be seen in the list, there are three non-commercial stations. The format of Radio Municipal is classical music. Radio Nacional is the governmental station, which have a network of AM stations which covers all of the country, with a few SW outlets. The head of the network is LRA 1 Radio Nacional Buenos Aires on 870 kHz (100 kW). The channel of FM's LRA 37 broadcasts the same program as AM, but LRA 38 has a different program in stereo during the afternoon and the night. The format of their programming is classical music, news programs, folk music.

The other stations are all commercial; the format of their programs is similar: rock and roll and pop music. News programs are broadcast at the top of the hour. Maybe it could sound incredible, but the FM stations have the same call letters as the AM stations to which they belong, except Radio Nacional. Throughout the country, the FM commercial stations are paired with one on AM, an AM station grant has the obligation to install one on the FM band with different programs from AM.

Anselmo Roccaforte,
La Plata, ARGENTINA

WRTH 1986

1986 World Radio TV Handbook The 1986 WRTH is now available for prompt shipment. The retail price is \$19.95 in the USA. Until further notice, you may order copies at \$20 each plus \$1 Book Rate shipping and handling regardless of the number of copies. For First Class Mail, enclose \$23 for the first copy and \$21 for each additional copy. Orders, with check or money order payable to **CENTURY PRINT SHOP**, should be mailed to: Century Print Shop, Don Erickson, 6059 Essex St., Riverside, CA 92504-1599. Inquiries welcome at (714) 687-5910. Back copies of WRTH, 1981 through 1985, may be ordered at \$12 ea., 2/\$20, postpaid, mix or match years. California residents, please add 6% sales tax to ALL orders.

EASTERN TV-DX

John F. Combs, prop.
2831 Selma
Jacksonville FL 32205
(904) 387-2367
DEADLINE: 1st

February 1986 "ALL THE DX THAT'S FIT TO PRINT"

Bob Seybold, Bennett Rd., Dunkirk NY

"Trops continued to this area in October, but less frequent. One really big opening to South and some smaller ones. Do not expect much more this year; maybe some E-skip in December/January."

Particularly Impressive

THIS ONE
SIZZLES!

October 1985

3 Tr "Opened in early evening (1800 EDT) and continued with great intensity all night into AM of the 4th until 1000 EDT or later. I only left the dials about 30 minutes in this opening (no sleep)!" (* see notes)

KARD-14 LA 983	WGGV-20 AL 798	WKSO-29 KY 469	WFYZ-39 TN 583	WCET-48 OH 358
*WPTO-14 OH 349	WQUB-20 OH 264	KTVP-29 AR 906	WJSU-40 AL 703	WAFB-48 AL 661
WVTV-15 MS 868	WDCA-20 DC 270	WCAV-30 TN 586	WHMB-40 IN 400	KYFC-50 MO 834
WTAP-15(OH)246	*WTTD-21 AL 668	WMKW-30 TN 758	WIIQ-41 AL 841	WSFJ-51 OH 238
WKPC-15(IN)445	WKEF-22 OH 320	WAAV-31 AL 661	WDRB-41(IN)447	WKON-52 KY 397
WNDU-16 IN 359	*VAH-23 WV 312	WLKY-32(IN)445	W41AA WV 185	WZDX-54 AL 661
WPTD-16 OH 320	WPTY-24 TN 755	WKAB-32 AL 796	*WBMC-42 AL 743	WINT-55 TN
WJMT-16 TN 699	WKAS-25 KY 328	WFBY-33 WV 315	WPBO-42 OH 324	WYMT-57 KY 414
WZTV-17 TN 595	WTVK-26 TN 511	*WRGB-34 KY ??	WKOI-43 IN 345	WPDS-59 IN 400
WLEX-18 KY 409	WTJC-26 OH 296	WKHA-35 KY 419	WKCH-43 TN 513	WTSF-61 KY 324
WHIZ-18 OH 225	WKYT-27 KY 408	WTVQ-36 KY 408	WIII-64 OH 357	WJUC-65 KY 409
WDHN-18 AL 844	WVSB-27 MS 800	WKMR-38 KY 367	WKLE-46 KY 414	WKMI-68(IN)445
WKPT-19 TN 444	WTTT-28 OH 247	WBAK-38 IN 478	WSBN-47 VA 424	
WHNT-19 AL 661	WMAA-29 MS 933			

NOTES on above: WPTO-14 "rare"

-WTTT-21 "super-strong all evening til AM s/off, then agn at s/on"
-WRGB-34" (Bob, these are still Schenectady Ch. 6 calls, no? Is this a newie I don't know about?--jfc)
-WBMC-42 "in all night into AM--never faded out"

"Also lots of translators, too many to list. Many tentatives and unIDeds which will be reported later if found to be definite. This was a real super opening. 800 mile tropo overriding 100-300 mile regulars for hours!"

12 Tr Kentucky U's, Columbus, Dayton, Springfield OH U's; Madison & Chicago U's good; South Bend, Ft. Wayne U's, also KDUB-40 briefly. "Also good to east:" Binghamton, Elmira, New Jersey, Connecticut U's; also WVTM-41, Watertown, Utica, Syracuse, Plattsburgh & others.

19 Tr Toledo U's "super," Lima, Bowling Green, WGGN-52; Michigan U's good; Ft. Wayne U's. "Fair sigs to east:" Elmira, Binghamton, Utica, Watertown. Ontario U's "above average"

"Occasional E-skip in October, channels 2 & 3, no IDs. Some scattering of tropo on few others days, but just run to 400 miles, nothing great. Some indication of 62 Kingston NY being on? (Supposed to have gone on in late October [WTZA]--jfc) No ID but seemed to be above-normal activity on 62 in late October/early November even on bad tropo days. (With their 5000 kw and 1940' AAT, they should be a regular for you, Bob--jfc) That's it for now. Expect lull. ("That's OK; you're probably still resting up from the 3rd!--jfc)

Ralph Strobel, 2300 E. McGalliard Rd., Muncie IN 47303

February 1985 - June 1985 (EST/EDT/EST)

5 Es 1801 XEFM-2 CH 1370	11 Es 1107 KNMZ-2 NM 1150	19 Es 2219 KTVQ-2 MT 1175
1818 KENS-5 TX 1070	13 Es 1200 KPRC-2 TX 950	21 Es 1231 KPRC-2 TX 950
1829 KMID-2 TX 1110	14 Es 1234 KMID-2 TX 1110	22 Es 1230 KMID-2 TX 1110
May 1985	16 Es 1230 KNMZ-2 NM 1150	22 Es 1230 KMID-2 TX 1110
23 Es 1200 WPBT-2 FL 1080	18 Es 1702 KTVQ-2 MT 1175	1630 CKCK-2 SA 1110
1200 WESH-2 FL 850	1727 CKCK-2 SA 1110	1900 KPRC-2 TX 950
1700 WGBH-2 MA 740	1820 KTWQ-2 WY 1060	23 Es 1200 CBPT-2 PQ 660
24 Es 1413 KWGN-2 CO 1000	1830 CKCK-2 SA 1110	1300 KPRC-2 TX 950
25 Es 2054 KNMZ-2 NM 1150	19 Es 1400 KNOP-2 NE 790	1300 KBTX-3 TX 925
27 Es 1230 KWGN-2 CO 1000	1417 KNMZ-2 NM 1150	1334 KENS-5 TX 1070
1530 CFSS-3 SA 1110	1500 KWGN-2 CO 1000	1922 KNMZ-2 NM 1150
June 1985	1849 KTWQ-2 WY 1060	2000 KBNW-3 NM 1070
8 Es 1653 WEDU-3 FL 900	1915 KOTA-3 SD 925	24 Es 1505 KMID-2 TX 1110
1700 WPBT-2 FL 1080	1937 KOUS-4 MT 1140	1530 KIII-3 TX 1125
9 Tr 0530 WCHS-8 WV 240	1957 KTVQ-2 MT 1175	1700 CBHT-3 NS 1100
10 Es 1400 KPRC-2 TX 950	2058 CKCK-2 SA 1110	1730 WLBB-2 ME 860
1400 KIII-3 TX 1125	2156 CFSS-3 SA 1110	28 Es 1110 KMID-2 TX 1110

(RALPH'S REPORT CONTINUES ON THE NEXT PAGE--)

EASTERN TV-DX

Strobel, cont.---

February 1986

June 1985

30 Es 1330 WESH-2 FL 900
1330 WPBT-2 FL 1080

July 1985

2 Es 1145 KJRH-2 OK 675
1200 KTVT-5 TX 1075
1305 WCIX-6 FL 1080
1507 KPRC-2 TX 950
2000 KPRC-2 again...
2000 KENW-3 NM 1070

July 1985

7 Es 1915 KNMZ-2 NM 1150
2158 KENW-3 NM 1070
2305 KMID-2 TX 1110
8 Es 1200 WPBT-2 FL 1080
1200 WESH-2 FL 850
1300 WEDU-3 FL 900
17 Es 1000 KNMZ-2 NM 1150
1030 KENW-3 NM 1070

July 1985

30 Es 1531 KNMZ-2 NM 1150
1800 KWGN-2 CO 1000

August 1985--"No Es this yr!!"

October 1985

27 Tr 0301 KAIT-8 AR 450
November 1985
18 Tr 0252 WWSW-5 OH 200
0255 WOTV-8 MI 180
0321 WXYZ-7 MI 160

"Since FM-DX was so pitiful the past two summers, I turned to TV-DX and found it very interesting. I have a 19" Quasar color TV. In May 1984 I purchased my first VCR...a year later, a second. It's been fun taping TV IDs, although Es is not easy to tape. When the signal fades, the speed of the VCR changes all by itself, to a slower speed. I finally found it better to tape Es at the slowest speed. Dubbing the IDs off on a second tape works fairly well, although audio can be lost if the signal was not strong enough. Suggestions, anyone?"

"My TV-DX set-up is not good as yet. I do have a rotor on my VHF-TV antenna, but I need a better antenna. Don't know what kind of antenna I have, but it is 50' AG on my tower and does some good...As everyone can see from my report, I have no UHF antenna as yet. Perhaps I will have one installed in time. So far, I've logged mainly Es reception. Doubt that I missed much Es, as I was home most of the time to check. '73, Ralph."

(Welcome to Eastern TV-DX, Ralph! I know that a lot of DXers whose first love is FM still log quite a bit of TV-DX while waiting for the MUF to rise---jfc)

Scott M. Hood, Dean Jr. College, Franklin MA 02038-1994

From Franklin:

September 1985

21 Tr 0005 WMAR-2? MD T
25 Tr 2315 WAVY-10? VA T
2315 WTKR-3? VA T
26 Tr 0905 WJLA-7 DC 375
0905 WHYY-12 (PA) 250
30 Tr 0105 WBAL-11 MD 340

October 1985

14 Tr 1830 WVII-7? ME T
20 Es 1820 unID-2 (MUF 3)
1925 unID-4
22 Es 1725 unID-2 brief
Tr 1820 Philly 3,6,10,12,
and 29
Es 1900 unIDs-2,3
Tr 2000 WVIA-44 PA 220
Es 2005 unID-3
Tr 2020 WNEP-16? PA T
2205 WOLF-38 PA 220
2240 WLVT-39 PA 235
2245 WDAU-22 PA 220

October 1985

22 Tr 2245 WUSV-45 NY 136
2255 WGBS-57 PA 250
2305 WDCA-20? DC T
2310 WPHL-17 PA 250
2345 WBAL-11 MD 340
23 Tr 0010 WMAR-2? MD T
1825 WVII-7? ME T
2220 WRC-4 DC 375
2255 WJLA-7 DC 375
2320 WMAR-2 MD 340
2340 WBAL-11 MD 340
2340 WDMV-9 DC 375
2345 WMDT-47? MD T
2350 Philly V's 250
24 Tr 1025 WVII-7 ME 223
1025 WLBB-2? ME T
1025 WGBB-10 ME 176
1755 WVII-7? ME T
2250 WCAU-10? PA T

November 1985

5 Es 1755+ MUF Ch. 5

November 1985

5 Es 2150 MUF Ch. 4
15 Es 2100 unID-2
2210 MUF Ch. 5
16 Es 1820+ MUF Ch. 4
1915+ MUF Ch. 2
18 Tr 2305 WVII-7? ME T
From Beverly:
27 Tr 2255 WFSB-3 CT strong
2310 NYC vs v weak
"This is Beverly--a
DXing sewer--
remember?"
29 Tr 2305 WGBS-2? NY T
30 Tr 2345 NYC 2,4 v weak
2345 KYW-3 PA 295
December 1985
1 Tr 1035 NYC V's wk in/out
1035 WFSB-3 CT strong
1035 KYW-3 PA 295
1055 WHYY-12 (PA) 295

Note on WVII-7 logging of 10-24: "Ignored the Presidential news conference--showed "Bewitched instead!" (Maybe a comment on "voodoo economics"--jfc)

"Well! A couple of big tropo days...made for an unexpectedly long report! The Es was generally either too weak or WFSB-3 too strong to ID anything."

"Taking a 2 week trip to HI for Xmas. Wonder what I will "catch" over there--Australia, perhaps?...73's, Scott."

Ed Frye, 317 Hooker Avenue, Poughkeepsie NY 12603-3111

"Following a rather busy November in Los Angeles/San Diego, it's good to be back at the typewriter. Being in San Diego for Thanksgiving was certainly different without the cold, raw weather that usually accompanies Turkey Day in upstate NY."

"WTZA-62 was testing with a colorful ID slide and now broadcasts full-time. W63AA has now moved to Channel 36 (WNYT-13 xlt--jfc). While in L.A., I saw KVEA-52 return to air as a SS language stn. Visited RF Electronics in Anaheim. Expecting to find a warehouse, I discovered that RF is a small storefront in a suburban "strip mall." Very little Wine-gard merchandise is stacked on the premises, so avoid the freeways and use the phone instead! I am relocating to the L.A. area, so DX from here will be gone for awhile. Before long, you'll see me in the Western TV-DX column!"

(We'll miss you here, Ed. Good luck with your move--and savor the CA weather!--jfc)

(EDT)

<u>December 1985</u>			<u>December 1985</u>			<u>December 1985</u>		
22 Tr	2308	WTAT-24 SC 216	31 Tr	0720	WTAT-24 SC 216	31 Tr	0741	WEBA-14 SC 200
29 Tr	2320	WFLX-29 FL 272		0720	WLOL-25 SC 263		0743	WRET-49 SC 317
	2320	WXEL-42 FL 272		0720	WATG-26 (SC) 215		0743	W49AI? FL T
	2320	WTVX-34 FL 234		0720	WRJA-27 SC 261			(CGI SW to WRET)
	2320	WFBS-33 FL 313		0720	WRLK-35 SC 267		0743	WMGT-41 GA 202
	2320	WHFT-45 FL 312			(barely under WOFL)		0743	WXGA-24 GA 201
	2320	WDXL-39 FL 313		0723	WAXA-40? SC T		0808	WHMG-23 SC 294
	2320	WLTW-29 FL 314			(CGI to WTWC)		0815	WIS-10? SC T
	2320	WEVU-26 FL 277		0728	WLTZ-38 GA 240			(NBC--could have
31 Tr	0720	WJWJ-16 SC 177		0728	WNEH-38 SC 238			been WALB, too)
	0720	WLTX-19 SC 262					2050	WTAT-24 SC 216

(EDT/EST)

June 1985
 8 Es 0930 WESH-2 FL 1025
 0930 WPBT-2 FL 1190
 1630 WPBT-2 FL 1190
 1740 WTVJ-4 FL 1190
 1742 WCIX-6 FL 1220
 11 Tr 2135 WPMZ-69 PA 180
 2150 WHYI-12 (PA) 195
 2150 WCAU-10 PA 195
 2150 WLVT-39 PA 180
 19 Es 2030 WESH-2 FL 1025
 22 Es 1955 KARK-4 AR 1185
 2000 KETS-2 AR 1180
 2050 WMC-5 TN 1045
 23 Es 0930 WESH-2 FL 1025
 1735 KKJO-2 MO 1165
 1900 KTVI-2 MO 970
 24 Es 1830 KTVI-4 IA 1205
 1940 WSMV-4 TN 865

July 1985
 8 Es 1500 WABQ-6 MS 1145
 1740 KFSM-5 AR 1250
 1913 KHAS-5 NE 1335
 12 Es 2200 KTCA-2 MN 1050
 2205 KSTP-5 MN 1050
 2205 WCCO-4 MN 1050
 14 Es 1300 WSB-2 GA 855
 1800 WDIQ-2 AL 1050

July 1985
 14 Es 1805 WKRG-5 AL 1150
 29 Es 1900 WTMJ-4 WI 785
 1900 KGAN-2 IA 985
 1940 WBBM-2 IL 770
 1955 KGTV-5 MO 1170

August 1985
 4 Tr 0845 WHMM-32 DC 315
 0845 WBBF-45 MD 285
 0850 WFTY-50 DC 315
 0850 WNUV-54 MD 285
 0850 WETA-26 DC 315
 0857 WJVC-56 VA 1205
 Es 1830 KTVI-4 IA 1025
 1858 CKPR-2 ON 920
 1900 CHFD-4 ON 920
 9 Tr 2030 W63AS NY 920
 2030 WSJT-65 NJ 195
 2040 WITF-33 PA 250
 2055 WNJU-47 NY 115
 "through Hartford's
 W47AD"
 2100 WBOC-16 MD 290
 2155 WCVZ-58 MA 115
 2300 W64AD NY
 (Assume you meant AD
 as no W64AB--jfc)
 0000 WWSG-57 PA 195
 0000 WBBF-45 MD 285


August 1985
 11 Tr 0000 WHMM-32 DC 315
 0000 WCPB-28 MD 290
 0005 WETA-26 DC 315
 0005 WFTY-50 DC 315
 13 Tr 1840 WNPR-16 NY 215
 2130 WPTZ-5 NY 185
 2135 CBFT-2 PQ 255
 29 Tr 1830 WTVH-5 NY 190
 1830 WIXT-9 NY 190
 1830 WUTR-20 NY 155
 "easily watched thru
 null in local WTXN"

September 1985
 1 Tr 0855 WKBW-7 NY 310
 "Cndr. Tom cartoons
 for 2 hours"
 (Is that Yingling?--jfc)

October 1985
 23 Tr 1940 WCPB-28 MD 290
 1940 WB00-16 MD 290
 2105 WTVF-51 PA 205
 2115 WFTY-50 DC 315
 2120 WTKX-66 VA 335
 2130 WNVK-56 VA 325
 2240 unID-15 from SW
 "// SIN to WXTV-41--
 Who??"
 (Ya got mei!--jfc)



FLORIDA TV PIRATE UPDATE

 FLORIDA TV PIRATE
UPDATE

---I received a letter from John Santoguosso about his logging of pirate TV station "WRAT"-4, which was reported in this column in December. He has this to share: "I am passing your letter along to the operator of WRAT-TV. He was most interested to learn that my logging made it into WTFDA. I think you can understand that I really cannot say too much about this operation. However, the reason I was able to "log" him was that I received an invitation to his broadcast location. This is a flea-power operation, and it is unlikely anyone would have much luck on a tropo opening. Very recently there was a second transmission for a small group of friends, and again I was present. The operator does have some vague plans to improve both antenna and power...that of course might mean some DX possibilities. However, I have no idea when or if this might take place." My thanks to John for his informative letter!

--I also received a letter from a very active Florida SW pirate, WMTV, "South Florida's Best Rock." They indicate on their QSLs that they operate on AM, FM, SW, and TV. To my knowledge, however, only the SW outlet has ever been logged. They claim to operate with minimums of 60 watts on 1610 kHz AM, 100 watts on 96.3 kHz FM, 300 watts on 41 meter SW, and 700 (!) watts on Ch. 3 TV. They say that they may crank these powers up "depending on how brave we are and how much beer we had!" Sounds like a really mature enterprise, hi. I'm not sure to what extent we can accept WMTV's claims; after all, these people claim to have received a telex from Barcelona (yes, Spain) concerning reception of their FM signal!! But they are very active and open on SW, using a private phone line and a Delray Beach P.O. box, so let's keep ears and eyes open. TH-TH-TH-TH-THAT'S ALL FOLKS!! ?.....JOHN.

John F. Combs, 2831 Selma, Jacksonville FL 32205

(EST)

The new roof is finally on, but the antenna situation hasn't turned out quite like I expected. First, I decided not to put the dish on the 15' tripod as I was concerned with wind-load on my El Cheapo rotor. I substituted a 4-bay. I believe it to have almost as much gain as a 5' dish, but not as directional. I managed to walk the tripod/rotor/4-bay combo to an upright position and mount it. Now, my knees shake at the thought of climbing the thing to put up the VHF antenna, and I may just not do so. I may wait until I can get another rotor, then mount the VHF on a chimney. So for now, the 4-bay is at about 33' AG, and I have only bunny ears for VHF. (My loglines appear on the next page.)



2SL CORNER

THOMAS J. YANGLING, JR.
221 PINEWOOD ROAD, BALTIMORE, MD 21222-2345
PHONE # 301-282-5649



WESTERN TV-DX

February 1986

Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

Deadline: 3-8-86

TV QSL's

- MO KQTV 2 St. Joseph, P. O. Box 247, zip 64506. QSL Card with no signer. Nollman
- KSDK 5 St. Louis, TV Plaza, 1000 Market St., zip 63101. Letter from Eugene P. Hill, Dir. of Eng. in 1 month. Nollman
- OK KTVY 4 Oklahoma City, 500 East Britton Rd., zip 73114. Send QSL card, with no signer on old WKY-TV card with KTVY-TV written in. Nollman
- FL WESH 2 Dayton Beach. Send QSL card, signed by Neil Hunt (?), Chief Engineer. Nollman
- MO KYTV 3 Springfield, 999 West Sunshine, zip 65807. Letter from Dan Woodall, Asst. Chief Engineer in 1 week. who says "Being an avid DXer, I am sure you are aware of how the atmosphere can do some strange and unique things to RF signals." Nollman
- MS WMAB 2 State College, P. O. Box 1101, Jackson, MS 39215-1101. Letter from David J. Wilson, Dir. of Eng. & also map of the state etv network. Nollman
- AR KETS 2 Little Rock, 350 S. Donaghey St., Conway, AR 73002. Letter from Bradford Johnson, Video Technician AETN. He says that we too are subject to slip as other ch. 2 station severly interfere with out primary coverage area. WPBT, WMAB & KSAF are often seen after we sign off. Nollman
- GA WSB 2 Atlanta, 1601 W. Peachtree St. N.E., zip 30309. Letter from Herb Gilbert, Dir. Eng. in 1 month. Nollman
- FL WUFT 5 Gainesville. QSL Card from Brian Lietz, Dir. of Eng. Nollman
- IL WBBM 2 Chicago, 630 N. McDoug Court, zip 60611. Send a QSL Card signed by unreadable Dir. of Technical Operations. Nollman
- FL WPBT 2 Miami, P. O. Box 2, zip 33261-0001. Letter from Graham R. Simmons, Dir. of Eng. Nollman
- SA CFSS 3 Warmley, P. O. Box 280, 95 E. Broadway, Yorkton, SA, Canada S9N 2V9. Letter from Richard Nierergal, in 3 1/2 months. Ross
- DE WDPB 64 Seaford, P. O. Box 364, zip 19973. Letters from Ray A. Fantini, CE in 2 weeks after follow-up. Vogt
- W6IAN 61 Newark Summit Broadcasting, RDI, Box 394, Summit, DE 19709. Letter from Francis J. Tafelski. This took some detective work! I called WGBB-TV 49 Read Lion, PA to see who had permission to translate then. Then called Tafelski Electronics. I called & talked with Mr. Tafelski was a 1 yearmember of our club about 20 years ago (is the club that old?) so he understood what I wanted. Vogt (you better get them qsl soon, a new station coming on air on same channel in Wilmington, ed.)
- PA WTVE 51 Pading, 1729 N. 11th St., P. O. Box 2248, zip 19604. Letter from Gitson P. White, Contract Chief Eng. who has programs from "SelectTV" scrambled movie service. Vogt
- NY WSNL 67 Smithtown, P. O. Box Expressway Dr. S., Central Islip, NY 11722. Letter from Norman E. Wright, CE. Vogt
- SC WJKA 26 Wilmington, 1026 Oriender Dr., P. O. Box 2826, zip 28403. Letters from Larry White, CE in 2 weeks. Vogt
- NY W59AT 59 Plainview : P. Mr. Michael Bughner, 203 Terminal Rd., Westbury : Plainview, NY 11803. Send back my prepared cards after 2nd try. I send photo or there id for report. translators now being use WL16-TV 55 Riverhead, NY. Reply took 3 months in all. Vogt
- NC WBTB 3 Charlotte, 1 Julian Price Place, zip 28208. Letter from Frank King, Operations Technician in 2 weeks. Nollman

Reporters for this month are Bill Nollman of Fitchville, CT; Robert S. Ross of London, Ont. & Larry Vogt of Springfield, VA. Next month more M QSL's. Keep on reporting for QSL's in 1986. There lots of tv to QSL!

This is the shortest column in some time, but some nice DX none the less.

New New Mode Tent. - t Unidentified - unid S/On - + S/Off - =
ID Color Bars - @ - Unid Color Bars - % IHTP - \$ Misc. Test Patterns - &

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (WA5IYX)

CST

Equipment: 1980 model Penncrest 9" black and white, Archer V-100 and eight bay bow tie UHF array at 20 feet with rotor.

November 1985

30 ms 0604:05 KQTV 2 MO 750
Es 0920 unids channel 2
0929 KWGN 2 CO 810
0959 WCBF 2 SC 1120
1027 3 Cuba
1116 2 Cuba
1128 fade/outs

14 Es 1701 WDTN 2 OH 1075
1828 WBBM 2 IL 1045
1830 fade/outs
1950-2020 unids ch 2
2031 WPBT 2 FL
2044 WESH 2 FL 1055
2128 fade/outs
2202-2230 unid ch 2
(Spotty)

15 Es 2229 WTWO 2 IN 935
2240 fade/outs
20 Es 0009 unid channel 2
0035-0046 unid 2 n,ne?
1123 t/in unids 2-4
(MUF 107.9-1141)
1243 WAVET 3 KY
1258 WDTN 2 OH
1259 WTWO 2 IN 935
1320 fade/outs

December 1985

12 ms 2333 KETSt 2 AR
13 ms 0623:20 KUSD 2 SD 920
Es 1325 unids 2 Spanish
1355 TGV t 3 GU
1411 YSR 2 ES 1200
1415 YSU t 4 ES
(MUF 88.8-1427)
1459-1520 unids 2 Mex?
ms 2215:40 KGAN 2 IA 945
14 ms 0615 KQTV 2 MO 750
0645:40 KSNC 2 KS 615
0652:17 KNOP 2 NE 820
Es 1655 WAVET 3 KY

1420-1430 unid 2 w/nw
1817 WCBF 2 SC
1922 WFMX 2 NC
1934 WCMH 4 OH
1959 WAVE 3 KY 945
2100 KTCat 2 MN
2103 WCCO 4 MN
(MUF 94.5-2114)
2201 WDTN 2 OH 1075
ms 2214 KQTV 2 MO 750
Es 2228 WSIL 3 IL 810

22 Es 1628-1630 unid 2 e,ne?
24 Es 1400-1405 unid ch 2 se
lull
1423 unids chs 2, 3
1429 TGV t 3 GU
1440 YSU t 4 ES
1458 YSR 2 ES 1200
(MUF 88.5-1525)
1530-1800 unids 2-4
(Mexico et al.)
lull
1828-1843 unids 2 Sp
25 Es 0815-0845 unid 2 Mx se

Even though I got more ID's on the 14th, the Geminid meteor rates seemed high the morning of the 13th. (Local channel 5 was on by 0615 on the 14th).

I was busy with the 10-M ARRL Contest December 13-15, so some ID's were likely missed.

The most intense Es of the month on the 20th started suddenly (i.e., none noted at 1015), but most of the time was spent with the FM band.

Channel 12 has now dropped the all-night "Odyssey" rock videos. Channel 35 from 0030-0130 has Dr. Gene Scott before sign/off.

73, Pat, WA5IYX

William Eckberg, 1032 Sterling Road, Dixon, IL 61021

CST

Equipment: 1966 Zenith b&w tube receiver ch 14N22, modified Zenith 175-1953 detented tuner. Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with Winegard PA4975 preamplifier on a 40' tower.

December 1985

4 ms 0440 KOUS 4 MT 925
6 ms 0320 KOUS 4 MT 925
14 ms 0520 KDFW 4 TX 738
0540 KPRC 2 TX 890
0608 KOUS 4 MT 925
20 Es 1225 KPRC 2 TX 890
1235 KIII 3 TX 1072

DX was limited to a midday E skip opening on December 20.
KOUS-4 appears to be on all night. They have an easily identifiable ID slide and are usually logged within five minutes.
Noted one new ID. WMMT-3, Michigan. The old WKZO-3 call has disappeared forever. Not many of the early stations have retained the same channel and call originally granted.

WCIA-3/WCFN-49, before and after the ID change in Springfield showed the same call

William Eckberg (continued) slide. Formerly, it was WCIA-3/W49AA. Now it is WCIA-3/WCFN-49. Have they simply retained ownership and upgraded the Springfield translator to satellite?
W51AF in La Salle, Illinois has been noted on all night recently. Rare for low power stations and a good DX target.

Nathaniel Ely, 1237 East Johnson St., #2, Madison, WI 53703 (608)-257-5220 CST

Equipment: Quantum 1110, Spartan II VHF preamp (0061) from Chmstr; C.M. 7' dish with 4990 preamp at 61', 70'/30' runs of .412/RG-11 cable, H-D 73 rotor. Winegard DA-405 post amplifier (when locals off the air), 3 Channel Master 7206 "Hi Q" traps (UHF). Tower, QDMX MD-56 (free standing).

November 1985

15 tr 0009	WLKY 32 KY 400	15 Es 2115	WUFTt 5 FL
6 tr 0026	WCAV 30 TN 500	2204	WBRZ 2 LA 880
0147	WLEX 18 KY 430	2206	KPRCt 2 TX
0230	WHAS 11 KY 400	16 Es 2130	KUTV 2 UT 1175
0300	WZTV 17 TN 500	2200	KWGN 2 CO 860
0423	WLWT 5 OH 375		
0426	WTVQ 36 KY 430		
0435	WDRB 41 KY 400		
0437	WTWO 2 IN 280		
0451	WLKY 32 KY 400		
14 tr 2121	WKON 52 KY 390		
2122	WLKE 46 KY 430		
2222	WTVQ 36 KY 430		
0027	WGRB 34 KY 460		
0031	WDRB 41 KY 400		
0032	WLEX 18 KY 430		
0210	WVAH 23 WV 525		
0237	WHAS 11 KY 400		
0439	WKRC 12 OH 375		
0449	WKYT 27 KY 430		
0514	WPBO 42 OH 420		
	WOSU 34 OH 405		
0529	WPBY 33 WV 525		
Es 2059	WESH 2 FL 1090		
2100	WPBTt 2 FL		
2105	unid ch 2 MX XEW		
		6 ms 0230	CKND2 2 MB 680
			(Shot 7 photos of ID slide before f/out)
		7 ms 0235	CBFT 2 PQ 775
			(Phillips TP)
		10 ms 0214	CKCK2 2 SA 850

Winter landed in Wisconsin early in November. So far, 53 inches of snow have fallen, and it's only January 6th. And too, it has been unusually cold. Could this mean an early DX season? I hope so. Now is the time to kick back and formulate a battle plan for spring.

New call letters for WFBN in Chicago as of January 5, 1986 are WGB0. 73, Nate

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103 CDT

Equipment: VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Teknika 6510 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc pre-amp; Alliance rotor.

January 1986

7 tr 2200 KNRR 12 ND 149 Pembina, satellite of KVRR-15, Fargo. That's all for now!



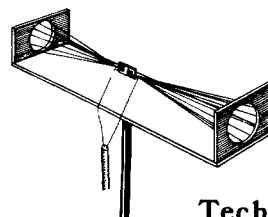
PHOTO-NEWS

David J. Nieman
12284 Nice Road
Akron, NY 14001
U.S.A.

We have more DX photos this month from.

Jim Pizzi - Lovington, NM

**KSAS-TV 24
WICHITA, KS**



Technical Topix

MISCELLANEOUS

Perhaps the reader wonders how a person can write articles on a regular basis for several months and then disappear for several months without a trace? Well, I figured that it is my duty to simulate E-skip conditions for the benefit of those who may not have got on them on their radios...

Before going any further here, Saul Chernos and others will be interested about some new information from the Government with a capital C. NASA does, indeed, have a form for requesting "Shuttle-skip"! DX'ers should file a form DD-2371 "Request For Ionospheric Disturbance."

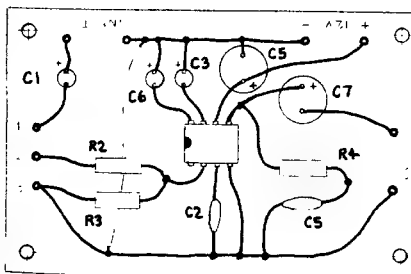
Seriously, on that matter, I have not received any information about the Spacelab 2 ionospheric/plasma experiments yet. (Tech Topix, Sept. '85) As a matter of opinion I would doubt the snagging of any distant stations via reflections off the plasma experiments because they affected so small an area of the ionosphere. More likely would be the chances of reflection off the charged trail left behind by the orbiter itself. Verification of this would require extensive calculation of the locations of the transmitter, your QTH, and the shuttle orbiter.

BOC BOO DEPARTMENT

Now a word about my column on selectivity. (Tech Topix, Apr. '85) I realized (and thanks for reminding me, Joseph Fela, and others!) that I committed a grave error of omission which I will rectify here, if you will permit. Somehow I managed to omit perhaps the most important tuner spec to DX'ers: Adjacent Channel Selectivity. This is the spec that 99% of manufacturers do not publish. It is the spec that Leonard Feldman fails to report in his reviews for *Audio* magazine. And it is the spec that separates the men from the boys, as it were.

As some of you know, adjacent channel selectivity (I'll call it ACS) is the ability to separate stations that are next to each other on the dial (that is, two neighboring channels), while the alternate channel selectivity is the ability to separate stations that are two channels apart. While tuners on the hi-fi market typically exhibit 60dB or better alternate channel selectivity, few can muster up much more than 5 or 10 dB ACS. That, of course, is not that good in an area where the dial is crowded with strong signals. Even here in rural west Tennessee, my Pioneer F-5, with its crummy ACS, has at least eight or ten channels rendered useless for DX'ing at any time due to spillover and confused PLL action.

For the sake of completeness I managed to dig up a few specs (thanks to Marty Barvinchak for some of these). For instance, the legendary, discontinued Mac MR-78, considered by some to be the best home tuner ever made, had selectable ACS of 7, 32, and 55 dB. Few manufacturers come close, except for the Onkyo T-9090 FM-only tuner which, at \$600, may be the best news to come along in awhile for FM DX'ers. It sports alternate channel selectivity of 80dB and ACS as much as 50dB. The Carver TX-11 is also capable of great things and gives you 45-50 dB ACS for \$600. Most of the other tuners mentioned in the article came in at 10 dB or less.



Q. KXW-TV comes in on my television sometimes when weather conditions are bad. What city is that station in? — L.E. — Jackson

A. The Federal Communications Commission had no record of such a station and said it must be a ham operator's call letters.

↑ FROM THE JACKSON SUN NEWSPAPER (JACKSON, TN) A FEW SUMMERS AGO.

PROJECT DU JOIR

This month Tech Topix will provide you with something to do during the cold months. Our project for today is a headphone amplifier which can be used to provide the benefits of sound to tuners, tape decks, SCA decoders, etc. Perhaps some owners of otherwise very nice tuners might wish to install an amp such as this one directly into their amp-less equipment for traveling. Maybe there is a communications receiver in your shack with an icky audio section.

The circuit I have designed is inexpensive, has hi-fidelity sound, is very simple to assemble, and all of its parts can be purchased at Radio Shack. It can be built into a separate cabinet with its own power supply (or an AC wall adapter) and appropriate connectors, or wired into a piece of equipment and powered off same. There is ample umph for headphone listening (about $\frac{1}{2}$ W) and the amp will drive small loudspeakers (less than 5") directly. It does not generate RFI or other noise problems.

The LM386 integrated circuit was made specifically for battery-operated operations in consumer electronics. This means small tape recorders, portable radios, and such. Intended supply voltages range from 4 to 12 VDC and typical supply current is 50mA. Power dissipation is 600mW maximum for the package at room temperature.

Gain of the 386 is internally set to 20 (26dB). The capacitors on pins 3 and 7 are bypasses to prevent oscillation. R₁ and C₄ make up a damper which ensures transition oscillation (which would drive an AM radio crazy) does not occur during a negative swing into a low impedance load.

Figure 1 is the circuit and Fig. 2 is the wiring diagram. As in all good audio work, keep the leads short and neat. Keep the bypass caps as close as possible to the IC. Ground all signals to one point, if possible. Of course, one needs two of these for stereo operation, and the pot specified in the parts list is a dual, ganged unit.

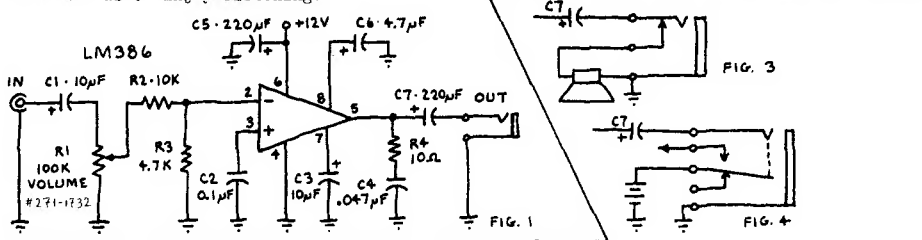
There are several options on the output connection. Figure 3 shows how to wire a closed circuit jack (R.S. #274-251 or 252) to silence a built-in speaker when the headphones are plugged in. Figure 4 shows how to wire the headphone jack to serve as a power switch (R.S. # 274-252 or 277). This allows the amp to be turned off when the headphones are unplugged.

Now a comment on level matching. The outputs of stereo tuners and disc players, the "audio output" jacks of TV's and VCR's, and the "tape play" outputs of tape decks all provide a "line-level" signal. This is a medium to high impedance (2k to 100 k ohms typically) ac audio signal of about 500 mV. (On tuners, audio output will be specified at 100% modulation.) The inputs of tape decks, equalizers, and boom boxes with "aux in" jacks are designed to accept line-level signals, as is the input of the headphone amp described here. Thus, our amp is compatible with practically all audio equipment. The amp is not recommended for use with turntables, as their signals require equalization and amplification ahead of our amp.

In operation, the amplifier is very quiet and has clean response from 40 to 25000Hz. It is possible to add some degree of tone control, if desired or required. To reduce treble response, place a small disc capacitor from pin 2 to ground. (across R₃) This has the effect of shunting higher frequencies, and smaller values of cap. affect higher frequencies. To increase treble response, solder a small capacitor across R₂ or between the two high terminals of the volume pot. Experiment with the capacitors to find the most suitable values.

If it is desired to connect the amp to a receiver with no line-level outputs (i.e. a portable radio or communications receiver), one must open up the case and gain access to the terminals on its volume control. Use an ohmmeter to determine which of the three terminals is connected to ground (the chassis, or common) and connect your input wire's shield here. Then connect the center conductor to either of the other terminals as gives the best results.

Good luck...and if you have problems building this (although I can't imagine what), write and ask. Enjoy listening!



NORTHERN FM-DX

Saul Chernos
P.O. Box 292
Paris, Ontario
Canada N3L3G2

FEBRUARY 1986

(work (519) 442-4456 ; home 756-1201 anytime)

I finished typing January Northern last night and already I've got three reports! Some more nice tropo so I'll get an early start on preparing the column this month. Remember, by the end of month your bandscans should be on their way to me, typed and "ready to print as is" if at all possible. Anyone who asks me what it's like to DX in the shadow of the Eiffel Tower will have the CN Tower rammed down his/her throat. Read on:

ERIC FADER - 23-35 Bell Blvd. - Bayside NY 11360

ELT times; Onkyo T-9090 w/rabbit-ears

SEPTEMBER 1985

25 GW-Tr

1830 WCAG 91.9 NY New York PIRATE distorted signal with heavy metal music

26 Tr

0205 WBJC 91.5 MD Baltimore good, Bostons in

0802 WHLM 106.5 PA Bloomsburg o/MD station

0825 WBEY 103.1 MD Grasonville

27 Non-Tr

HURRICANE GLORIA passed thru area around noon;

Now I know the true meaning of "cx totally dead"

28 GW-Tr

0110 WHOT 91.5 NY Brooklyn PIRATE great sound

30 Tr

0130 WCIK 103.1 NY Bath g "Moral Majority Re-

port" fadeless; extremely rare path

0208 Boston MA area; WCIK 103.1 NY stronger

0231 WAEV 97.3 GA SAVANNAH "more music, Wave

97...Nighttime Savannah" o/WHP-PA & WMVB-NJ,

Taped, my best Tr for distance at 718 miles!

(This seems out of place for your other DX;

could it have been a long MS burst or freak

Es; when I had a KS stn once, on Es, no

other trace of Es yet was in 13 minutes with

fadey in-out signal; I've had same effect w/

MS for shorter time frames. I believe you

had it, but was it really Tropo?-Saul)

0300 WHRB 95.3 MA Cambridge

0307 WFNX 101.7 MA Lynn

2005 WNNH 95.3 PA Honesdale o/WSBH-NY

2200 Good general Tr...NJ, MA

2300 WELV 99.3 NY Ellenville o/WHMP-MA

OCTOBER 1985

1 Tr

0058 WOKQ 97.5 NH Dover

0100 WHOM 94.9 NH MtWashington 29db signal!

10 Tr

0105 WPFW 89.3 DC Washington

11 GW-Tr

2330 WHOT 91.9 NY Brooklyn PIRATE mentioned

drifting because "someone was ironing" and

then did drift down to 91.85

2352 WHOT 103.1 NY Brooklyn NOT AN IMAGE of

above pirate; see comments below report.

12 GW-Tr

0005 WHOT 91.5 NY Brooklyn HERE TOO! In addi-

tion to 91.85 & 103.1 (cy-vehl-saul)

0135 WHOT acknowledges being on all 3 freqs!

0010 WACL 103.1 NY New York PIRATE "Columbus

Day Block Party" 6dB (THIS 14 GW-Tr coops-s)

0900 General Tr w/widespread heavy fog

17 GW-Tr

2140 WACL 103.1 NY New York PIRATE

23 Tr (one of best BOSTON Tr in awhile)

0105 WHOM 94.9 NH MtWashington 32dB signal

(most lcl alternate-channel stns usually 30)

0110 WCRB 102.5 MA 44dB; WAAF MA 107.3 49dB!

0110 WGNV 107.7 NY Albany 27dB

0119 WFNX 101.7 MA Lynn 30 dB

0123 WPIX 106.5 NY Albany "Pix-106"

23 Tr cont'd (Oct)

0130 unID 104.9 MA? weak classical

0133 all MA & RI stns on 94.1, 94.5, 94.1, 93.7,

101.5, 100.7, 103.3...at possibly best levels

in years!

0143 WJUL 91.5 MA Lowell s-off 0149

0155 WQMR 91.9 MA Provincetown jazzy

0200 WMLN 91.5 MA Milton s-off taped

0745 still good Tr to north (ALBANY NY) & N.E.

2045 WJFK 94.9 MA WestYarmouth NEW CALLS

2055 WBEY 103.1 MD Grasonville

2200 general Tr to MA & central PA; also MD 91.9

2316 WHP 97.3 PA Harrisburg 27dB

2355 WKRZ 98.5 PA Wilkes Barre

24 Tr

0010 WHLM 106.5 PA Bloomsburg

26 GW-Tr

0025 WHOT 91.9 NY Brooklyn DJ "Pete Sake"

10dB, terribly accented Brooklynese voice,

sounded like an idiot. Mentioned having

been on "last week", erroneously anc'd 91.5,

"The original fun radio station!"

NOVEMBER 1985

1 Tr

0110 WDNH 95.3 Honesdale solid, 10dB

7 Tr

1725 minor coastal Tr to LI & CT

16 GW-Tr

0115 WFUN 91.9 NY New York probably Brooklyn,

as dedication played for Bay Ridge. Same

stupid-sounding DJ, 13dB in stereo. (Remember

WHOT said "fun" radio stn? Bet they're one

& the same.-saul)

19 Tr

General MD to Boston MA Tr; mild w/patchy fog.

20 Not much Tr

HURRICANE KATE was of surprisingly little

help. The 77°F temperatures didn't trigger

Tropo either!

BULLETIN FROM EDITOR: I rec'd a letter from

a DXer who mistakenly thought I had an ONKYO

T-9090. Can you answer his questions and mail

to me in your next report; in fact perhaps a

few of you could help him out:

"I would like info on your ONKYO T-9090. Is

it a tuner or a receiver? I am looking for a

good tuner for DX purposes. What would you

say & that's why your editor calls for more

than one answer) is better, the CARVER TX-11

or TANBERG (spelling okay?-s) 3001A?"

The DXer is from Grand Rapids MI to give you

an idea of where he is DXing from. I'll for-

ward your replies, and perhaps print up a

special "technical" page if the info warrants

such a page. PLEASE HELP. Back to Eric.....

ERIC SENT SOME INFO ON NYC PIRATE SCENE WHICH

SEEMS INTERESTING ENOUGH, SO HE WILL APPEAR

AT THE END OF THIS COLUMN IN A NEW ADDITION

TO COLUMN CALLED "NORTHERN FEATURES". turn...

GLAD TO HAVE YOU BACK RALPH!

MARCH 1985

9 Tr
1200 W208AA 89.5 IN Richmond g\$ (42nd 10-watter
from educational band; WCDR ID 38

29 Tr
0900 WQFM 99.3 IL Mt Zion b \$ 200

APRIL 1985

6 MS
0008 KTUX 98.9 TX Carthage (see MS report
at end of my report) 760

12 Tr
0905 WVBA 89.9 KY Frankfort r \$ 160

14 MS
0100 WBCN 98.9 FL Tallahassee 700

MAY 1985
10 Tr

0235 KZBS 98.9 OK Oklahoma City (prev MS) 750

0353 KZCC 98.9 KS Leavenworth 520

23 Es
1100 WKPX 88.5 FL Sunrise r \$ 1050

1101 WPRK 91.5 FL Winter Park s-on 870

1115 WSWN 93.5 FL Belle Glade 1020

1115 WCYL 93.5 FL Vero Beach news 950

1116 WQMB 89.3 FL Boynton Beach g\$ (prev MS) 1035

1120 WCKS 101.1 FL Cocoa Beach r \$ 910

1126 WTRK 107.9 FL W. Palm Bch k\$ o/WTP 1025

1131 WJWF 106.7 FL Ft. Lauderdale b \$ 1055

1133 WKOS 100.3 FL Plantation Key wx 1140

1136 WFIT 89.5 FL Melbourne r \$ 925

27 Tr
1200 WDCL 89.7 KY Somerset cj \$ p 180

30 Tr
1100 WNKU 89.7 KY Highland Heights news 105

JUNE 1985
7 Es

1409 KEXX 93.9 TX Corpus Christi "XFM" 1125

9 Tr
0001 KZRO 104.3 AR Marshall k \$ 500

0200 WFFC 102.3 IN Petersburg k \$ 175

0206 WCOJ 105.5 OH Conneaut g 250

0315 KKYK 103.7 AR Little Rock r \$ 550

0524 WNU5 107.1 OH Belpre k \$ 200

0620 WHCB 91.5 TN Bristol g \$ 300

10 Es
1708 KSEB 88.1 TX Humble g \$ 925

10 Tr
2114 WJHS 91.5 IN Columbia City r \$ testing 65

11 MS
0049 KTUX 98.9 TX Carthage 760

16 Tr
2300 WDFM 98.1 OH Defiance testing r \$ 70

18 Tr
0100 WKMP 94.3 IN Logansport (??-ed)r\$s-off 150

19 MS
0040 WAKX 98.9 MN Duluth 530

23 Es
1005 CBD 91.3 NB St. John NB wx, into "Sunday
Morning" program (new prov. for me) 1025

1008 unID 88.5 mono EE //91.3 (list not here-s)

1008 unID 89.3 " " " (ditto-saul)

24 Es
1646 WQDY 92.7 ME Calais ads (ME & PE new) 960

1700 CBCT 96.9 PE Charlottetown CBC mono EE

1700 CBAP26 88.5 NB Moncton FF 1100/1180

1700 CBAP29 88.1 PE Charlottetown //88.5 FF 1180

28 Es
1058 KWLW 93.9 TX San Angelo 1050

1105 KENW 89.5 NM Portales 1070

30 MS
0012 KZBS 98.9 OK OKC 750

JUNE 30 Tr

1005 CBEC 106.3 ON Sarnia CBC EE mono "Sunday
Morning" program, 0009 next morning s-off 220

JULY 1985

2 Es
1200 KENW 89.5 NM Portales 1070

1205 KWLW 93.9 TX San Angelo 1100

1221 KSEL 93.7 TX Lubbock 1070

1223 KTKT 88.1 TX Lubbock p \$ 1070

8 Es
1305 WCIE 91.1 FL Lakeland g \$ (prev MS) 905

1307 WMCU 89.7 FL Miami wx g \$ 1080

1312 WDZD 93.5 NC Charlotte k \$ 600

1314 WPCV 97.5 FL Winter Haven k\$ 920

1322 WSWN 93.5 FL Belle Glade 1020

1328 WRIT 92.7 FL Stuart m \$ 1000

9 Tr
0129 WPHN 90.5 MI Gaylord g \$ 320

11 MS
0227 CIZL 98.9 SA Regina 1110

16 Tr
2344 WELU 88.9 IL Charleston reggae \$ 180

19 Tr
0255 WCTL 106.3 PA Union City g mono 290

0500 CJRT 91.1 ON Toronto s-on 375

23 MS
0202 CHIK 98.9 PQ Quebec City (PQ new) 825

26 MS
0437 CJYC 98.9 NB St. John 1025

27 MS
0152 KTUX 98.9 TX Carthage 760

0433 KZBS 98.9 OK OKC 750

28 MS
0020 KZCC 98.9 KS Leavenworth 520

0300 KZCC 98.9 KS Leavenworth 520

0400 KTUX 98.9 TX Carthage 760

30 MS
0036 KZBS 98.9 OK OKC 750

0155 WUSL 98.9 PA Philadelphia 530

0343 WUSL 98.9 PA Philadelphia 530

2357 WNIU 89.5 IL DeKalb 235

AUGUST 1985
1 MS

2329 WAKX 98.9 MN Duluth 530

2 MS
0152 KZCC 98.9 KS Leavenworth 520

0351 WUSL 98.9 PA Philadelphia 530

5 MS
0005 CIZL 98.9 SA Regina 1110

0141 KTUX 98.9 TX Carthage 760

8 MS
0006 WUSL 98.9 PA Philadelphia 530

0045 CHIK 98.9 PQ Quebec 825

11 MS
0140 WAKX 98.9 MN Duluth 530

11 Tr
0300 KZEN 100.3 NE Central City Lincoln &
Ord k\$ 690

12 Tr
0100 KSJN 91.1 MN St. Paul c \$ 520

0200 WOI 90.1 IA Ames-Des Moines c \$ 460

0230 KWWR 95.7 MO Mexico wx k \$ 375

13 MS
0101 WAKX 98.9 MN Duluth 530

15 MS
0024 WJML 98.9 MI Petoskey 320

18 MS
0504 KVIL 103.7 TX Dallas (prev Tr & Es) 850

21 Tr
0254 KKYK 103.7 AR Little Rock r \$ (TURN) 550

RALPH STROBEL cont'd

AUG 24 1985 MS

0202 WMTT 103.7 NJ Atlantic City 570

SEPT 1985

2 Tr

0200 KZTC 98.9 KS Leavenworth r \$ 520

0200 KZEN 100.3 NE Central City k \$ 690

0311 WHAJ 104.5 W Bluefield r \$ 310

3 Tr

0430 WEFM 91.1 MI Flint c \$ s-on 200

0605 WGGY 106.3 IL Gibson City wx ID 175

5 MS

0353 KVIL 103.7 TX Dallas 850

OCT 1985

14 MS

0116 WCLZ 98.9 ME Brunswick 825

25 MS

0201 KMG 98.9 CO Pueblo 1036

0224 KZBS 98.9 OK Oklahoma City 750

METEOR SCATTER DETAILS: (1985):

APR 6 KTUX "9900 hits in a row from
TUX99. The wait for some-
thing better is now over on
...Radio, TUX99"

APR 14 WBCN "WBCN Tallahassee FM 99"

JUN 11 KTUX "4 for a dollar, 4 for a \$.
If you long for a Tux99
sticker for your very own,
well, your time has come!"

JUN 19 WAKX "This morning in the twin
ports, 51..."

JUN 30 KZBS "...ZBS. Well, the..."

JUL 11 CIZL "...blazers, Regina's pre-
miere entertainm showcase"

JUL 23 CHIK "...Quebec..." FF female

JUL 26 CJYC "...at 25-23. Tonite Tor-
onto is in Hamilton. I'm
Lester Pierce, CJ..."

(Canadian Football lg-sc)

JUL 27 KTUX "at Tux 99"

KZBS "...KZ..."

JUL 28 KZCC "Sunday morning on Z7-..."

ALSO "...ZZ-9..."

KTUX "Tux 99, KTUX"

doesn't bother me) (the only static I get nowadays is static cling from doing my laundry;
haven't tried MS lately-sc) All the DX reported here has been taped. Let's hope 1986 will
bring better reception than the past couple of years. 73, Ralph.

FRED NORDQUIST - 7945 Boxford Rd - Clay NY 13041

(I haven't any VUDs here & I don't remember typing your DX so I agree the post may have lost
it-saul) EQUIP: Heathkit AJ-15; Channel Master Stereo Probe 9 w/CDR rotor, height 35' AGL.

DEC 28 1984 Tr-GW

1945 WJPZ 88.9 NY Syracuse r NSP "Z89" (NSP
means never off; why were they 88.9?-saul) 6

APRIL 1985 (now on 89.1)

12 GW-Tr

1659 WSLI 89.5 NY Canton NPR "Voice of the
North Country" 100

13 Tr

2002 WRKZ 106.7 PA Hershey k "Z-107" 210

MAY 1985

10 Es (to S.W. at 1729-1746)

1730 KQTZ 105.9 Ok Hobart "KQ-106" 1340

JUNE 1985

2 Es (to South, 1910-2010)

1910 92.9 GA WACAC Valdosta r "C-93" 937

1916 WSSB 90.3 SC Orangeburg lcl wx 713

7 MS

0732 WLL 90.9 IL Urbana ID (prev by Tr) 645

8 Tr

1026 WAIJ 90.3 MD Grantsville g "Keep alive
radio" 285

METEOR SCATTER DETAILS cont'd

JUL 30 KZBS "Listen for it at KZBS"

WUSL "Downtown Philadelphia..." & "Power 99
FM, check here on your radio"

WNIU "Here at WNIU-FM"

AUG 1 WAKX "About 11:29 now at 99-wax, and for wx
information whenever you need it, just
dial..."

AUG 2 KZCC "Z799"

WUSL "Power 99 FM Community service dep't
reminds you that poetry performers..."

AUG 5 CIZL "August the 26th, presented by Zed 99,
the heart of rock & roll; & now..."

KTUX "Tux 99" (SID)

AUG 8 WUSL "Power-99-FM, Philadelphia"

CHIK "Quatre-vingt-dix-neuf, Québec" FF male
translates as "99 Quebec"

AUG 11 WAKX "419 West Michigan St., Duluth MN, 5...."

AUG 13 WAKX "99 Wax is WAKX Duluth"

AUG 15 WJML "JML, Northern MI's best..."

AUG 18 KVIL "Old Bandido himself, Mariano of Maria-
no's Restaurant in Marguerite. Sun-
day mornings on KVIL, followed by...
...weekend show, in the rest of the
most successful."

AUG 24 WJML "Show Road, Linwood" (tentative)

SEP 5 KVIL "...KV..."

OCT 14 WCLZ "...CLZ..." 17th MS on 98.9! (Wow!-saul)

OCT 25 KMG "Magic 99"

KZBS "KZBS, twenty-four past two O'Clock"

NOTES & COMMENTS:

I've finally decided to count 88.1, 88.5, & 96.9 in
PEI & NB. After hearing these stations almost year-
ly, I heard them this year on-the-hour with no IDs.
Since others have counted them, I've decided to do
the same. Do you know what CBC EE stations are on
88.5 & 89.3? They were // to 91.3 w/ wx for NB.
(88.5 could be Gaspé PQ in EE or FF Moncton, 89.3
in EE I dunno...my lists aren't here in Paris-sc)
The FM band is becoming even more crowded here,
making DX more complicated. As you can see I'm a
MS freak. I did have some good luck in logging a
few new stns by MS. When nothing else is coming
in, one may as well try for a MS burst. (Static

JUNE 8 Tr cont'd

1800 WFM 90.9 WV Morgantown "WV Pub.R." 312

2002 WRHR 90.5 NY Henrietta Rochester Red Wings
baseball, s-off says 2500 watts (Groundwv) 75

JULY 30 Es (to SW 2027-2044)

2027 KEXX 94.1 TX Fort Worth SS 1350

SEPT 1985

1 Tr

2127 WTCM 103.5 MI Traverse City k 485

2130 WTHM 90.5 MI Charlevoix g talk prgm 477

(This is WPHN in GAYLORD MI per latest FM ATLAS
and many of my own loggings; they pack out a
really strong signal and are in fact gospel-s)

2215 CKAT 101.9 ON North Bay k SID 274

2229 WCMU 91.7 MI Alpena "CMU Publ.R." 386

2234 WCMU 89.5 MI Mt Pleasant // above 435

2244 WKHQ 105.9 MI Charlevoix r "KHQ" 477

2254 WKPX 106.7 MI Gaylord r "KPK" ???

(I inserted Gaylord instead of Traverse City,
they are ex-WTHM, and in Gaylord MI; WRHR is
in Henrietta not Rochester) - turn page folks-

FRED NORDQUIST cont'd

Feb '86 NORTHERN FM DX (4)

SEPT 2 1985

0108 CBSM 89.5 ON Sault Ste. Marie wx, CBC

Northern ON, s-off w/ AK & FM freqs named

& GSTC (not O'Canada?) 354

0112 CBE 89.9 ON Windsor CBC Stereo r //

94.1 CBL Toronto ON 354

0129 unID 88.1 to WEST w/ weird sound effects

in Stereo after jazz (CKLN Toronto ????-sc)

INTERIM NOTES WHILE WAITING FOR REPORTS.....

Waldo Bishop: I'd like to thank you for the letter solving WKGC; I knew it was them, I was

just unsure of the calls and did not want to print wrong info in my report. So thanks! I

sent your letter to Dave; he's told me before that that address will work, so no problems.

Dave Nieman: Dave sent a bandscan to be used later, and adds..."No tropes or skip here.",

so I guess things are dead in Western NY; it's even worse here in Paris!

Chris Hanley: Got your package; I'll be glad to save radio station promo items if you'll keep

an eye out for political campaign buttons.

STILL NO REPORTS (well, it's only been three-and-a-half minutes) so on to the very first...

** NORTHERN FEATURES **

ERIC FADER'S PIRATE REPORT or SHOW AND TELL IN NEW YORK AND WALK THE PLANK:

WHOT 91.5 (more or less) Their first show was OCT 2 1980; I first heard them in JUNE/83. They've been on pretty much every other weekend since. Announcers are now "Jim Nasium" and "Pete Sake". Their "star", "Hank Hayes", moved to Detroit this past summer & is no longer on except by phone, occasionally. All oldies & phone calls; "Hot 91.5" slogan. Has been heard, on occasion, on 91.7, 91.85, 91.9, and 103.1. (re OCT 11 this report...see page one this VUD column...at 0005 WHOT began IDing as "WHOT network" announced they were moving down to 91.5 "in some areas"; they were heard on 91.5 here with a weak, distorted signal; but still local-like on 91.85 (WHOT generally does NOT drift, this is the first time they've not been squarely on a frequency.) The 91.85 was a really sloppy signal - audible from 91.65 through 92.05 or my Technics (ie, not as selective) receiver. The 91.5 was definitely separate signal. IDed as "WHOT 91.5 and 103.1".

KSUN 91.5 First heard 1982; logged several times that year but not since. "K-SUN" and "Pirate Radio 91.5"

KPRC 91.5 First heard JULY 15-84 on FM; previously AM; "Pirate Radio Central" Not heard since Oct 14-84. (KSUN became KPRC - saul)

NINE-FM 91.9 Also called "Stereo-Nine-FM". First heard JUNE-79 with DJs Ted Harris and "TJ the DJ". Active in 1979-1980 (AUG), (when I moved to PHILADELPHIA to go to school). Count on these guys being on (I don't think they are anymore-saul) with talk any time there's something political going on (election, Reagan jokes about bombing Russia, Korean planes shot down, or July 3-4). Their self-proclaimed last "regular" broadcast was Oct 5-84, but they WERE on Sept 21-85. A recent DJ is Edwin Armstrong; has been noted in past on 91.85, 91.95, and 92.1.

WCAG or WCHE Hardcore and heavy-metal rock, see this column in Nov '85 VUD 91.9

WFUL top 40 & oldies, see this issue's report. (91.9?-saul)

WACL 103.1 hard rock (not hard core rock) w/ some metal. DJs Rich Michaelson, Jimmy Jay. On fairly frequently; first heard by me AUG 2 1985. See Nov '85 NORTHERN FM DX.

Thank, Eric. They are fun to listen to. Your editor has no DX to report as of now and is going to wait until Dec 31 before sending this to print, so MAYBE more reports below.....

PHOTO-NEWS continued



SOUTHERN FM DX

Eric Bueneman
c/o KCFV 89.5 FM
3400 Pershall Rd.
Ferguson, MO 63135

Report to this column of you are from: AL, AR, CA, CO, DC, DE, FL, GA, HI, KY, LA, MD, MO, NC, NM, NV, OK, SC, TN, TX, UT, Va&W

Request line numbers (if you hear us via Es): (314)595-4472/524-8311

Since there is no mail at KCFV during the holidays, SFW will present a special edition on the St. Louis FM scene. Our logs will return next month. Before we go to the special edition, a couple of notes: WLC-95.5 Elmhurst, IL, an outlet operated by Christian Science's Principia College is off the air, and have been since about November 15, 1985. Also WSLZ-88.7 Edwardsville, IL is off, probably to add the 41 kW vertical polarization. KUMR-88.5 Moline, MO comes in good in WSLZ's absence.

SPECIAL EDITION: St. Louis FM

In big cities such as St. Louis, in whose shadow I live in, rock music stations are the biggest part of FM radio here. There is only one Album-oriented rock station in St. Louis, that is KSNB (94.7). The popularity of Top 40 is widespread, mostly concentrated on KWTN (103.3), with KWA (106.5) mixing that in with recent hits. Adult Contemporary is possibly the type of r that grabs the lion's share of St. Louis radio listeners and stations. KSD (93.7), KADI (96.3), KYKY (98.1) and WMMY (101.1) all have one sort or another of this format. KADI sometimes leans more toward CHR, while WMMY plays jazz at night. Other rockers audible in St. Louis are WMMI (106.1, Litchfield, IL) and WGEL (Greenville, IL, 101.7 (Metro East)).

Country, a staple in most Midwestern towns, had been the domain of WIL (92.3) until WKKX (104.1, ex-WJEM) hit the airwaves in October of 1985. WKKX started out with a bang by playing 2,104 (count them, two thousand, one hundred and four) country favorites in a row. Then, they started playing ten in a row every hour. WIL started claiming ten in a row, but, in listening to WIL, I have heard, at most, three in a row. Other country stations audible in St. Louis are KTJW (Farmington, MO, 98.5), ASGM (Ste. Genevieve, MO, 105.7) and KLPW (Union, MO, 101.7 (metro west)).

Easy listening has been the domain of KEZK (102.5) since 1980 when the old KCFM became KSD. But now, KLTH (97.1, ex-KCFM) is going after KEZK's audience with a "light music" format. Easy listening, also known as "doctor's office music", "grocery store music" and most commonly "beautiful music", has been on a decline in recent years due to a glut of stations programming the format, similar to what happened to AOR in the early 1980s. "Light music" seems to be the easy listening wave of the future, as an alternative to "beautiful music". By listening to KLTH, it seems to remind me of the old KMOX-FM (now KHTA). "Beautiful music" will stay around for years to come, with new variations coming off the drawing board. Another type of "easy listening" is classical music. Only KFUC (99.1) programs this type of music. Nowadays, classical music is a public radio mainstay.

Religion, another staple in Midwestern towns, is available on only one FM station. That's WCBW (104.9). When they are not running religious programming, WCBW goes toward the excitement of Christian rock. If that doesn't suit you, you can get that on WIBI (Carlinville, IL, 91.1), religious programming is more suited to AM than to FM, but FM draws the higher Arbitron rating.

St. Louis has been without an ethnic FM station since 1980 when KSCF (now KLTH) became KCFM with a nostalgia format. Double Helix, a non-profit group, ran ethnic station KZMA until they sold the station to a commercial operator in the mid 1970s (the station is now KZKZ). The non-profit group had applied for and was granted 88.1, but that could run into a challenge from the St. Louis Community College in the near future.

The growth of college and high school radio in the 1980s has turned some heads in the marketplace. Big college stations run NFM programming, like WSIE (88.7) and KWMU (90.7). Others have music formats, like KCFV (89.5, STL Community College, rp), KCLC (89.1, Lindenwood College, j), WLCA (89.9, L&C Community College, r), KNUA (90.3, Washington University, op) and now-silent WTPC (95.5, Principia College, pr). High school stations program various formats. The most powerful of which is KSLA (91.5), a talk-oriented station run by the St. Louis Public Schools. Most high-school stations run low power, like Astenour High School's KASh (90.1, p format) and Cahokia High School's WATE (89.5, m format). Non-commercial operators like Hyde Park Association's KBDY (89.9, j) and the Young Men's Christian Association's KYMG (89.7, rp). Some stations use one frequency during the summer and another station uses it during the winter. One example is 89.9, where KBDY uses it in the summer and WLCA uses it in the winter.

What would be a big city without a soul station? St. Louis has an abundance of those stations, with WZEN (100.3) and KMJM (107.7) running the format. WZEN tends to play a soul classic from the 1960s and 1970s on occasion, while KMJM goes more towards current soul hits. There is a rumor that KMJM is going AOR, one thing I hope will never happen.

St. Louis FM has changed considerably since KFUC signed on 99.1 in the early 1950s or so. Now, AM is facing the same changes as FM did in the early 1970s, so by 1990 or so, FM and AM would be equal. I think that FM is the wave of the future, but with all the negative comments made about AM, it could lose some punch as we race toward the twenty-first century. St. Louis FM will also change with time (and the Arbitrons).

Also noteworthy: If you hear KCFV on strong tropo or Es, send the report to SFM, and I'll get my boss, Ted Faas, to verify it for you. EL editor's 9:00-10:00 am Wednesday airshift has been dropped to give others a chance, but I'll be gracing the airwaves again very soon. If you would like an aircheck of my first KCFV airshift, send me a 60-minute cassette along with \$1.00 for postage and handling, I'll get it dubbed and sent to you. Joe Sonderman, former KCFV PD, has taken up residence at KNTX. Buzz Carlson has become the new co-host of KCFV's Solid Gold Sunday. Until next month, sayonara from New Music 89.

PHOTO-NEWS continued



KRRT-35
Kerrville, TX
330 mile tropo
seen Nov. 29, 1985

73 and Good DX,

Eric Bueneman
Eric Bueneman (E.S. Stevenson)
Your rockin' SFM Editor

photo one KTIN-21
page Ft. Dodge, IA
824 mile tropo
30 seen Sept. 7, 1985

photo two KSAS-24
page Wichita, KS
456 mile tropo
30 seen Sept. 7, 1985

photo three KIDY-6
page San Angelo, TX
210 mile tropo
36 seen Oct. 8, 1985

photo four XHGWT-2
page Guerrero Negro, BCS
743 mile E-skip
36 seen Nov. 8, 1985

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